Rapid Screening of Substances of Lower Concern

Results of the Screening Assessment

Environment Canada
Health Canada

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Synopsis

Based on the results from the categorization of substances on the Domestic Substances List (DSL) a subset of 1066 substances was identified for application of a rapid screening approach. These substances included those that met categorization criteria as being inherently toxic (ecological) and either persistent or bioaccumulative (but not both), in addition to being in commerce in low quantities (maximum use in Canada of 1000 kg per year based on 1986 data) and are therefore expected to be of lower concern.

In considering this group of substances, this rapid screening approach involves four main steps in identifying substances that warrant further evaluation of their potential to cause harm. The first step consists of determining if substances are currently being addressed under other assessment activities. The second step involves applying different ecological exposure scenarios using assumptions that are protective of the environment. The third step involves a process to identify whether or not a substance appears on any of a wide range of different lists or in information sources relating to ecological hazard or exposure. This flags substances that have been identified by domestic or international initiatives as being of greater concern due to their hazard properties, or which may now be in commerce at greater quantities than had been considered to be the case based on the available information.

Substances not identified as requiring further assessment due to ecological concerns are evaluated in the fourth step to determine whether a given substance is of potential concern from a human health perspective. A key element of characterization of potential risk for human health is determination of potential for exposure to the general population. Substances assumed to be in commerce in Canada at ≤ 1000 kg are considered to result in potential exposure to the general population if there is evidence of direct exposure (e.g., exposure from products, food additives). Otherwise it is concluded that the substance is unlikely to cause harm to human health at current levels of exposure.

In total, 472 substances were identified through the four steps of the rapid screening approach as requiring further assessment, including some that are currently being addressed under other assessment activities. A further 61 substances were withdrawn from this process for a variety of additional reasons (such as that they had since been deleted from the DSL or that they no longer met the low volume criteria for rapid screening).

For the remaining 533 substances, the screening assessment, conducted pursuant to section 74 of the *Canadian Environmental Protection Act, 1999* (CEPA 1999), indicated that the historical or current (for those substances included in the 2009 DSL Inventory Update) use patterns and quantities are unlikely to result in ecological or human health concerns in Canada. All 533 substances had estimated exposure values below the level of concern. Furthermore, evaluation of a wide range of information sources did not

identify additional ecological flags. From a human health perspective, exposure to the general population to the 533 substances is expected to be negligible and therefore the substances are unlikely to cause harm to human health at current levels of exposure.

Based on the results of this screening assessment, it is concluded that the 533 substances listed in appendix C are not entering the environment in a quantity or concentration or under conditions that have or may have an immediate or long-term harmful effect on the environment or its biological diversity, that constitute or may constitute a danger to the environment on which life depends, or that constitute or may constitute a danger in Canada to human life or health. It is therefore concluded that these 533 substances do not meet the criteria as set out in section 64 of CEPA 1999.

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Introduction

The *Canadian Environmental Protection Act, 1999* (CEPA 1999) (Canada 1999) requires the Minister of the Environment and the Minister of Health to conduct screening assessments of substances that have met the categorization criteria set out in the Act to determine whether these substances present or may present a risk to the environment or human health[1].

Following the categorization of substances on the Domestic Substances List (DSL), the Government of Canada has identified a subset of the substances that are persistent and inherently toxic to non-human organisms (PiT(eco)), or are bioaccumulative and inherently toxic to non-human organisms (BiT(eco)) based on categorization, and that are believed to be in commerce in Canada at a maximum of 1000 kg per year across the country. None of these substances met categorization criteria with respect to human health.

The Government of Canada has developed a rapid screening approach to conduct screening assessments under section 74 for substances that have a low likelihood of meeting the criteria set out in section 64 of CEPA 1999.Under section 64, a substance is considered “toxic” if it is entering or may enter the environment in a quantity or concentration or under conditions that:

(a) have or may have an immediate or long-term harmful effect on the environment or its biological diversity;
(b) constitute or may constitute a danger to the environment on which life depends; or
(c) constitute or may constitute a danger in Canada to human life or health.

The rapid screening approach originally considered 1066 substances, and a draft screening assessment was published for a 60-day public comment period in March 2007. A second draft was published in June 2011 for a second 60-day public comment period given that substantial revisions had been made to the screening approach since 2007. While external comments were taken into consideration, the content and outcome of this screening assessment remain the responsibility of Environment Canada and Health Canada.

[1] A determination of whether one or more of the criteria of section 64 are met is based upon an assessment of potential risks to the environment and/or to human health associated with exposures in the general environment. For humans, this includes, but is not limited to, exposures from ambient and indoor air, drinking water, foodstuffs, and the use of consumer products. A conclusion under CEPA 1999 is not relevant to, nor does it preclude, an assessment against the hazard criteria specified in the Controlled Products Regulations, which is part of the regulatory framework for the Workplace Hazardous Materials Information System.

Scope of the Rapid Screening Approach

Substances identified for rapid screening under this approach are those nominated to the DSL (based on quantities imported, manufactured or otherwise in commerce in Canada in 1986) at total quantities ≤ 1000 kg across the country. Since quantities were reported as ranges, the quantity representing the upper boundary of the reported range was used. If the sum from all notifiers exceeded 1000 kg, the substance was not considered as a candidate for this approach. Therefore, substances reported in the range 0-100 kg by 10 or fewer companies are included, as well as substances reported in the range 100-1000 kg by a single company.

The substances being assessed have also been identified as PiT(eco) or BiT(eco) through the categorization process. Those substances that were identified by categorization as being PBiT (substances that are persistent *and* bioaccumulative *and* inherently toxic) are excluded from consideration under this approach, due to particular concerns identified for substances having this combination of properties.

Substances that meet the above criteria, but that have already been assessed and managed under CEPA 1999, are not included.

One substance included in the original 2007 draft assessment has been classified as a reproductive toxicant by the European Commission (CAS[2] RN 14816-18-3) in 2007. This substance is not expected to result in general population exposure, but was removed from the rapid screening approach so that commercial status can be confirmed prior to an assessment decision.

Four substances from the list of substances addressed in the 2007 draft assessment have since been deleted from the DSL and listed on the Non-Domestic Substances List (NDSL), as further searching has indicated that they were not manufactured or imported into Canada during the reporting period for the DSL (1984-1986). As these substances are no longer listed on the DSL (Canada 2008, 2009a), they are subject to the New Substances Notification Regulations, and are excluded from further assessment as existing substances. They are CAS Registry Numbers (CAS RN) 84-77-5, 620-40-6, 1191-15-7 and 16853-85-3.

During the public comment period on the 2007 draft screening assessment report, one company indicated that they are using more than 1000 kg per year of substance CAS RN 32610-77-8.This new use pattern information has resulted in removing this substance from the current assessment as it no longer meets the pre-established quantity limit.

[2]The Chemical Abstracts Service Registry Number (CAS RN) is the property of the American Chemical Society and any use or redistribution, except as required in supporting regulatory requirements and/or for reports to the government when the information and the reports are required by law or administrative policy, is not permitted without the prior, written permission of the American Chemical Society.

In addition, new information on quantities of certain substances in commerce during the 2008 calendar year was received in response to a Section 71 survey notice issued on October 3, 2009, as part of the first phase of the DSL Inventory Update initiative (Canada 2009b). The survey, which covered approximately 500 chemical substances, included 59 substances from this rapid screening approach. Of these, data submitted by industry stakeholders indicated that 16 substances were manufactured and/or imported in quantities greater than 1000 kg in 2008.Therefore, these 16 substances do not meet the pre-established quantity limit and have been removed from rapid screening. These 16 substances are CAS RNs: 523-31-9, 1345-04-6, 2452-01-9, 3896-11-5, 7446-26-6, 10025-91-9, 13189-00-9, 14059-33-7, 14726-36-4, 25155-23-1, 33908-66-6, 36437-37-3, 53894-23-8, 61617-00-3, 68988-45-4, and 113706-15-3 (see Appendix B, Substances Identified as No Longer Meeting Scope of Rapid Screening Approach).

Additionally, confirmation of DSL quantity data has led to updates in some quantity information used for the exposure scenarios in step 2 of the Rapid Screening approach. As a result, 30 additional substances which were considered in the original draft screening assessment have been removed from this assessment and will be included in future screening assessments (see Appendix B, Substances Identified for Inclusion in Future Rapid Screening Approach), as the DSL Inventory Update data is anticipated to change the proposed status for these substances.

In addition, the re-examination of DSL nomination data for nine substances indicates that the proposed conclusion of ‘requires further assessment’ for these substances is anticipated to change, and they have been removed from this initiative (see Appendix B, Substances Identified for Inclusion in Future Rapid Screening Approach).

This document reports the final results of the screening assessment conducted following a rapid screening exercise of the 1005 substances that are still candidates for this assessment approach.

Summary of the Rapid Screening Approach – Ecological Considerations

The ecological component of the rapid screening approach uses a series of both qualitative and conservative quantitative steps to efficiently evaluate the likelihood that a substance may cause ecological harm. At each of the steps shown in Figure 1, substances for which there may be potential to cause ecological harm are identified as requiring further screening assessment beyond the rapid screening approach. For those substances that proceed through all steps of the approach without being thus identified, it is concluded that they are unlikely to cause ecological harm and, as such, do not meet the criteria set out in paragraphs 64(a) or (b) of CEPA 1999.

The first step consists of determining if substances are already being addressed under other assessment activities or no longer meet the scope of the rapid screening approach. These substances do not proceed to step 2.

The second step involves applying different scenarios or fate models to estimate environmental exposure. First, two generic aquatic exposure scenarios are considered to identify potential concerns near the point of discharge of a substance to the environment. A regional multi-media model named RAIDAR (Risk Assessment, IDentification And Ranking) is also applied to identify potential concerns in different environmental media, as well as in food chains.

The third step involves a mechanical process to identify whether or not a substance appears on different lists or in information sources relating to hazard or exposure (including quantity in commerce). This flags substances that have been identified by domestic or international initiatives as being of greater concern due to their hazard properties, or which may now be in commerce at greater quantities than originally reported.

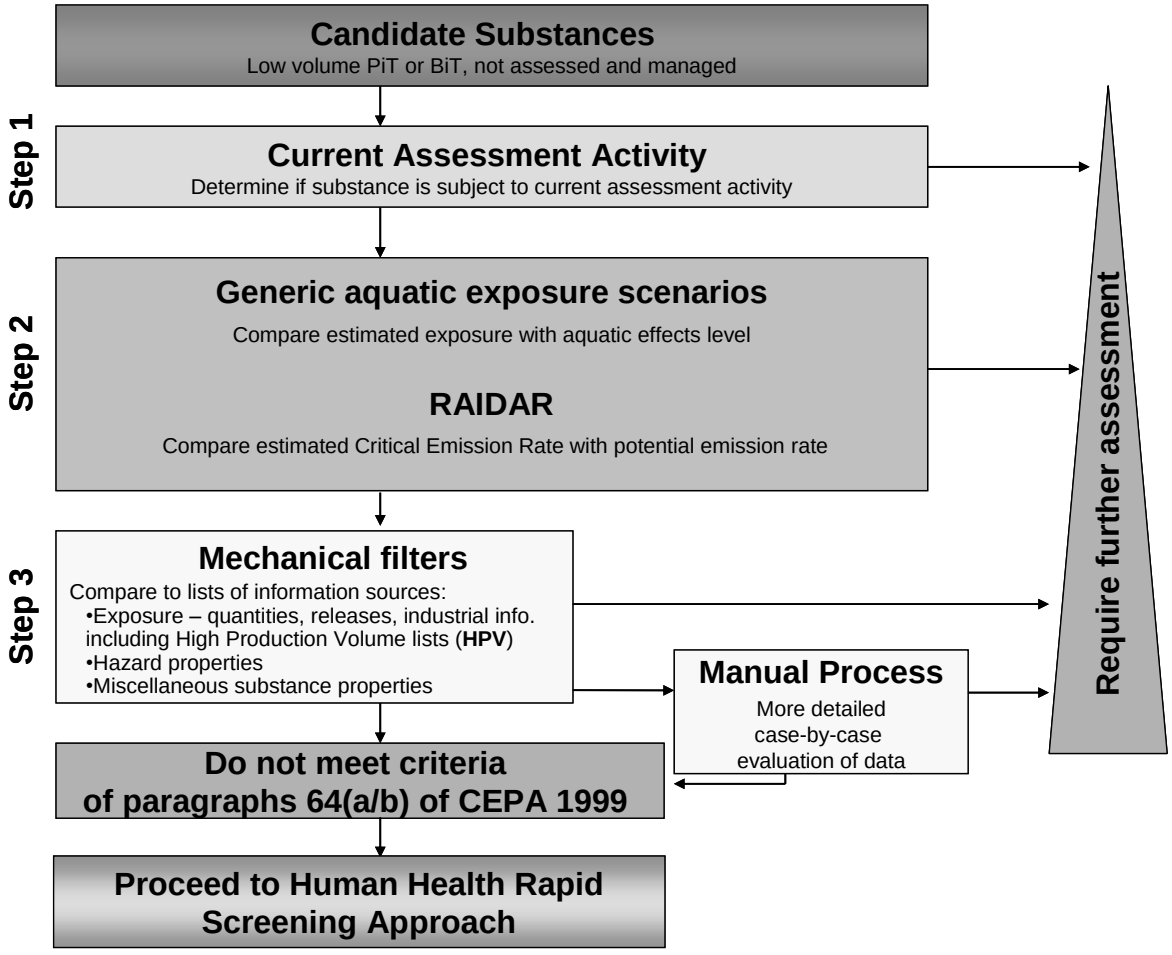

Figure 1: Overview of rapid screening approach

Depending on the nature of the information sources, substances flagged by the mechanical process may be concluded as requiring further assessment beyond rapid screening, or may be further evaluated within rapid screening using a “manual process”. The latter involves case-by-case evaluation to decide, for example, whether the specific

information in the source that flagged the substance is relevant to the situation in Canada. This may also involve collection and review of information from other sources that are not as amenable to evaluation using a mechanical approach. The manual process involves evaluation of the weight and relevance of information obtained from the full range of sources identified.

A detailed description of the approach is contained in a separate document (Environment Canada 2007a).

Assessment of Potential to Cause Ecological Harm

In this section, an overview of the results obtained at each step of rapid screening of the substances covered under this rapid screening approach is provided.

Step 1 – Current Assessment Activity

The first step of the approach identified substances that are subject to current assessment activity or that have high hazard flags.

Of the 1005 substances considered at Step 1, 196 substances have been included in groups of substances undergoing assessment under the Chemicals Management Plan (Canada 2011). These include 172 Aromatic Azo- and Benzidine-based substances, 2 boron-containing substances, 7 cobalt-containing substances, 4 phthalate substances, 8 selenium-containing substances, and 1 substituted diphenylamine substance (see Appendix B, Substances Identified as Subject to Other Assessment Activity). These substances are being assessed under that initiative and therefore are no longer considered in this rapid screening approach.

Another two substances were removed at this step. Two substances undergoing rapid screening were found to be structurally similar to substances that were categorized as PBiT. These two substances have CAS RNs 519-73-3 and 62625-30-3 (see Appendix B, Substances Identified as Subject to Other Assessment Activity).Recognizing that PBiT substances are not considered under this rapid screening approach, these two substances were identified as requiring further assessment.

As a result of these exclusions, 809 substances remain eligible for evaluation under rapid screening approach.

Step 2 – Exposure Estimation

In this final assessment, quantity information used in the exposure scenarios was revised as appropriate based on submissions obtained through the DSL Inventory Update initiative (2009), which included 59 rapid screening substances, as well as other confirmation of DSL data.

Generic aquatic scenarios

Two generic exposure scenarios are used to evaluate the potential for releases of a substance to the aquatic environment to cause harm. The first scenario (industrial point-source) considers the release of 5% of the substance from an industrial facility that is involved in manufacturing the substance and/or using it in the preparation of products. A loss of 5% from manufacturing and handling was chosen based on conservative (i.e., protective of the environment) estimates for loss from cleaning of container residues (3%), transfer lines (1%) and process equipment (1%) (US EPA 1992). The second scenario (residential releases to municipal waste-water) considers the down-the-drain release of 100% of the substance that is contained in a consumer product, through multiple point-sources (i.e., municipal waste-water discharges).The basis and assumptions of these conservative exposure scenarios are described in detail in the rapid screening approach document (Environment Canada 2007a).

The industrial releases scenario flagged 146 substances as being of potential concern. The residential releases scenario flagged 77 substances; however these were all flagged by the industrial release scenario as well. These 146 substances (or 18% of the 809 evaluated) were identified by these scenarios as requiring further assessment (see Appendix B, Substances Requiring Further Assessment Identified through the Ecological Approach).

The detailed spreadsheet associated with this report (Environment Canada 2011a) includes the calculations and results from application of these scenarios to each substance.

RAIDAR

The multimedia fugacity-based RAIDAR model accounts for the combined consideration of a substance's physical/chemical and hazard properties and allows evaluation of potential for harm to organisms in different environmental media as well as in food chains. It also accounts for release of a substance over a larger geographic area through its full life-cycle. The approach and its application to a number of substances on the DSL are described in detail in a report produced by the Canadian Environmental Modelling Centre (CEMC 2007a). The salient features and limitations of RAIDAR in the context of rapid screening are also discussed in Environment Canada 2007a.

As discussed in the above mentioned reports, RAIDAR and similar models are not applicable to all categories of substances encountered on the DSL. Of the 14 chemical categories described in CEMC 2007a, RAIDAR has been applied to substances in five categories – conventional organics; dissociating organic acids; dissociating organic bases; gases; and in volatile organics. Therefore, of the 809 substances evaluated in Step 2, 355 (or 44%) have been modelled using RAIDAR.

As described in Environment Canada 2007a, the Level III fugacity model scenario that assumes 33% release of the substance to each of air, water and soil has been selected

for interpretation of RAIDAR results in rapid screening. The outputs from RAIDAR of greatest relevance to this work include the media of concern, the critical emission rate (Ec) and the risk assessment factor (RAF).The Ec is the minimum quantity of a substance that would have to be released to a unit world (a region of fixed dimensions) in one year in order for the most sensitive organism in that world to be exposed to a concentration that could cause a harmful effect. The RAF is the ratio of the actual emission rate to the critical emission rate for the substance. In rapid screening, the quantity of the substance believed to be in commerce is conservatively assumed to be the actual emission rate (i.e., it is assumed that 100% of the substance is released to the environment over its life-cycle).

A spreadsheet associated with the CEMC report includes all input values and results from application of RAIDAR to these substances (CEMC 2007b)[3].As with other models, results from RAIDAR depend on the quality and quantity of the available substance-specific data. The CEMC report discusses some specific issues relating to uncertainties in input data. A separate document (Environment Canada 2007b) discusses how the results of RAIDAR were interpreted with these considerations.

In order to identify which substances are unlikely to have the potential to cause ecological harm, it is necessary to select a cut-off value for the RAF.A value of 0.001 was selected, which is equivalent to an uncertainty factor of 1000 (see Figure 2).Selection of this conservative value allows for up to a 1000-fold error in the model results owing to uncertainties in the quantity of the substance in commerce and other model inputs, such as physical-chemical properties. The ability of RAIDAR to discriminate potential for ecological harm based on the characteristics of substances is discussed further in Environment Canada 2007b.

Based on the described model scenario and the selected RAF cut-off value, 20 of the 355 substances that were evaluated using RAIDAR were identified as requiring further assessment, as shown in Figure 2. (There was also an additional substance (CAS 58-39-9) that exceeded the RAF cut-off value, but which was identified for further evaluation through the Manual Process due to receipt of more recent industrial data.) Of these, 16 had also been identified by the generic aquatic scenarios discussed above. Therefore, an additional 4 substances were identified as requiring further assessment.

A total of 150 substances were identified as requiring further assessment based on combined results of generic aquatic scenarios and RAIDAR (substances are included in the list in Appendix B, Substances Requiring Further Assessment Identified through the Ecological Approach).

[3] It should be noted, however, that when the RAF was initially calculated, it was assumed that the quantity in commerce for all substances was 316 kg (the geometric mean of 100 kg and 1000 kg), and it is this value that appears in the spreadsheet (CEMC 2007b).The detailed results spreadsheet for rapid screening (Environment Canada 2008a) provides an RAF value for each modelled substance that has been recalculated based on the actual quantity reported to be in commerce in Canada.

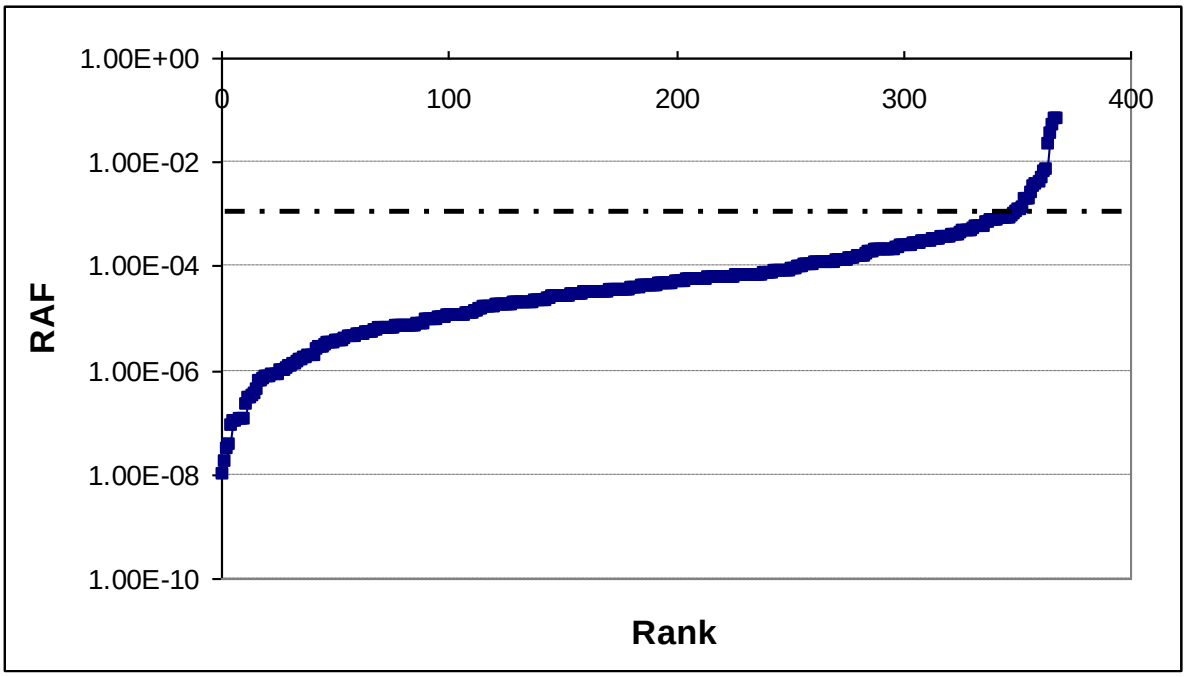

Figure 2 : Risk Assessment Factor (RAF) results for PiT and BiT substances in commerce at ≤ 1000 kg/year in Canada based on the RAIDAR model. (The dashed line represents the RAF cut-off value of 0.001.)

Step 3 – Mechanical Filters and Manual Process

The different sources of information used as mechanical filters are divided in three categories: 1) exposure – quantities, releases and industrial information; 2) hazardous substances lists or substance profiles; and 3) miscellaneous properties and hazards databases. As described in the rapid screening approach document (Environment Canada 2007a), each of the information sources has been allocated a weighting that reflects its relevance to the context of this evaluation. Some sources (such as the High Production Volume (HPV) databases for the US and the OECD) are considered of sufficient relevance that substances that they include are immediately identified under rapid screening as requiring further assessment. Others, that are either considered of lesser relevance or for which more detailed evaluation of substance-specific data contained in the information source is possible, are directed to the manual process stage for a decision to be made based on the weight of the full range of available information.

Appendix A shows the number of substances that have been flagged by each of the mechanical filters for the 1066 substances that were considered for this rapid screening approach. As seen in Appendix A, some mechanical filters have flagged more substances than others. Of the 659 substances being assessed in this step, nineteen of the substances appear on one or more of the six international lists of High Production Volume (HPV) chemicals. As this demonstrates that these substances are in use in high quantities in at least some countries, the assumption that they are currently used in very low quantities in Canada is less certain. For two of the 19 substances that are on an

HPV list, recent Canadian data has already been collected, therefore these two substances are further evaluated at the manual process stage. The remaining 17 substances on HPV lists have been identified as requiring further assessment, which will include collection of current information on quantities in commerce in Canada. A total of 335 substances were flagged by mechanical filters, leading to their evaluation at the manual process stage.

Substance-by-substance evaluation at the manual process stage is based on consideration of the weight of available information as to whether the substance may currently be in use in Canada in quantities greater than had been assumed, or if the substance has hazard properties or characteristics that may not have been adequately addressed using the exposure scenarios in step 2.This may involve looking at temporal trends in the quantity of a substance in commerce in other countries.

As a result of this further evaluation, 41 substances were identified as requiring further screening assessment (substances are included in the list in Appendix B, Substances Requiring Further Assessment Identified through the Ecological Approach).A summary of the basis for the decision on each of the 335 substances evaluated using the manual process is presented in the detailed results spreadsheet (Environment Canada 2011a).

Summary of Results from Ecological Considerations

The results obtained at each step of the screening approach are summarized in Figure 3.A simplified spreadsheet that provides the outcome of each step of the approach for each of the substances may be found in Environment Canada 2011b.

In total, 208 (404 when including substances in the groups being assessed under the Chemicals Management Plan) of the substances evaluated using the ecological rapid screening approach were identified as requiring further screening assessment. A list of these substances is provided in Appendix B (Substances Requiring Further Assessment Identified through the Ecological Approach).The other substances were assessed and concluded to be unlikely to cause ecological harm. The substances were subsequently evaluated using the human health rapid screening approach.

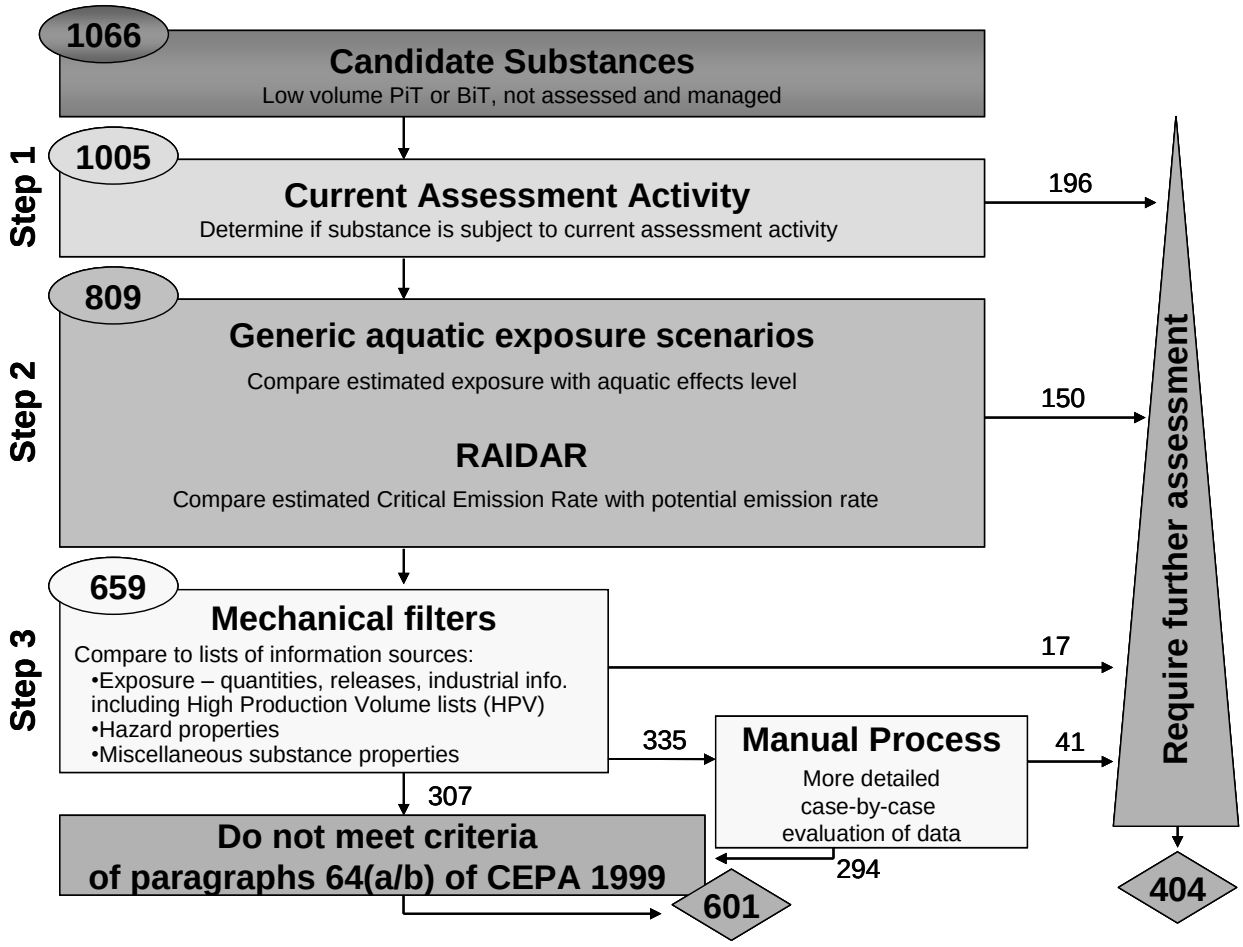

Figure 3: Summary of rapid screening results - ecological considerations

Summary of Ecological Uncertainties

It is recognized that conclusions resulting from the use of rapid screening have associated uncertainties. However, the use of a wide range of filters (relating to both use quantity and ecological hazard concerns identified for a substance), as well as the use of different conservative exposure scenarios give confidence that substances identified as not requiring further assessment are unlikely to be of ecological concern.The high fraction of these lower concern substances that have been identified by rapid screening as requiring further assessment due to potential ecological concerns (40%) is a reflection of the conservative basis of the approach.

A primary uncertainty in this approach is that the substances identified for rapid screening under this assessment are those nominated to the DSL (based on quantities imported, manufactured or otherwise in commerce in Canada in 1986) at total quantities ≤ 1000 kg across the country. Information sources consulted at step 3 (mechanical filters and manual process) of rapid screening were used to verify whether assumptions regarding current quantities in commerce were appropriate. More recent information has

been collected for 59 substances under the first stage of DSL Inventory Update, and has been taken into account in finalising this assessment. Additional DSL Inventory Update information on these substances in the future will verify quantities and reduce uncertainty in the assessment outcome. Accordingly, substances may be subject to further assessment based on new information when available.

Values for physical/chemical and hazard properties derived during categorization of the DSL were used as input for the RAIDAR modelling work. As recognized in documentation associated with categorization, there are uncertainties in these values, in particular, with those that have been estimated using different modelling approaches. Extreme values that were estimated by models were replaced by limiting values of physical/chemical properties or alternatively-derived toxicity values, prior to using them as input for RAIDAR modelling as part of rapid screening (CEMC 2007a).A supplementary document (Environment Canada 2007b) further discusses some of these factors in the context of rapid screening.

Summary of the Rapid Screening Approach – Human Health Considerations

A process was used to determine if substances within the rapid screening approach of substances of lower concern warranted further assessment from a human health perspective (Figure 4). None of these substances met categorization criteria with respect to human health and none of the substances identified for consideration with this approach were identified as posing a high hazard to human health based on classifications by other national or international agencies for carcinogenicity, genotoxicity, developmental toxicity or reproductive toxicity.

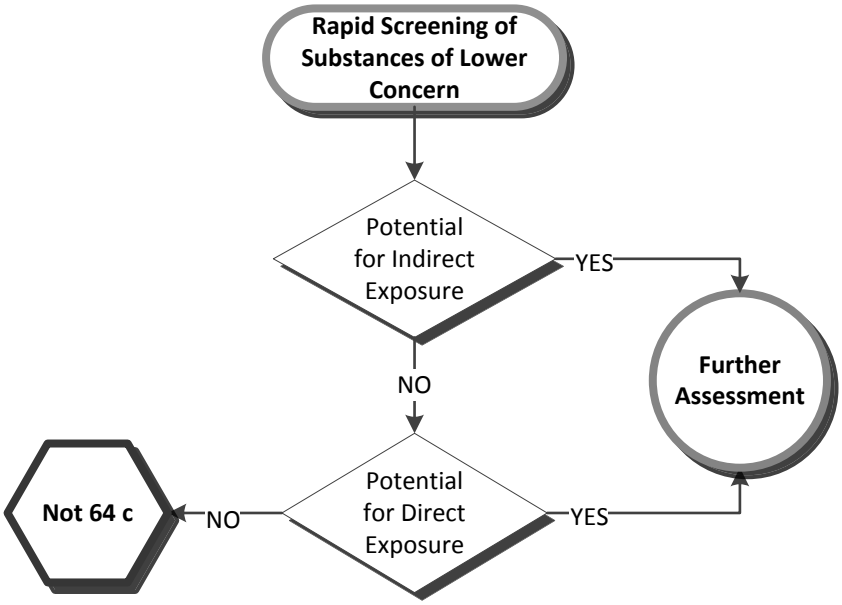

Figure 4: Overview of Rapid Screening Approach - Human Health Considerations

A key element of characterization of potential risk to human health is determination of potential for exposure to the general population. Substances assumed to be in commerce in Canada at ≤1000 kg were considered to result in potential exposure to the general population if there was evidence of direct exposure (e.g., exposure from products, food additives, etc.). Otherwise, exposure to the general population was considered to be negligible and it can be concluded that that substance is unlikely to cause harm to human health at current levels of exposure and, as such, does not, at this time, meet the criterion set out in paragraph 64(c) of CEPA 1999.

Given the assumed quantities in commerce in Canada (≤ 1000 kg) of these substances, indirect exposure to the general population from environmental media (air, water, soil) is not expected to be significant. Release of a substance to specific environmental media (i.e., air, water, soil) depends on factors such as where the substance is released, physical/chemical properties, etc. Conservative modelling estimates using a fugacity based modelling tool for applicable substances ChemCan 2003, indicate that assuming 100% release of a substance (i.e., the maximum possible release for these substances of 1000 kg) to either air, water or soil, potential exposures would be predicted to be less than 10^{-6} mg/kg bw/day (i.e., <1 ng/kg bw/day). This represents a negligible exposure potential from indirect sources for these substances.

Depending on the use of the substance, direct exposure to the general population is also possible. Considerations for determination of direct exposure potential are described below and outlined in Figure 5.

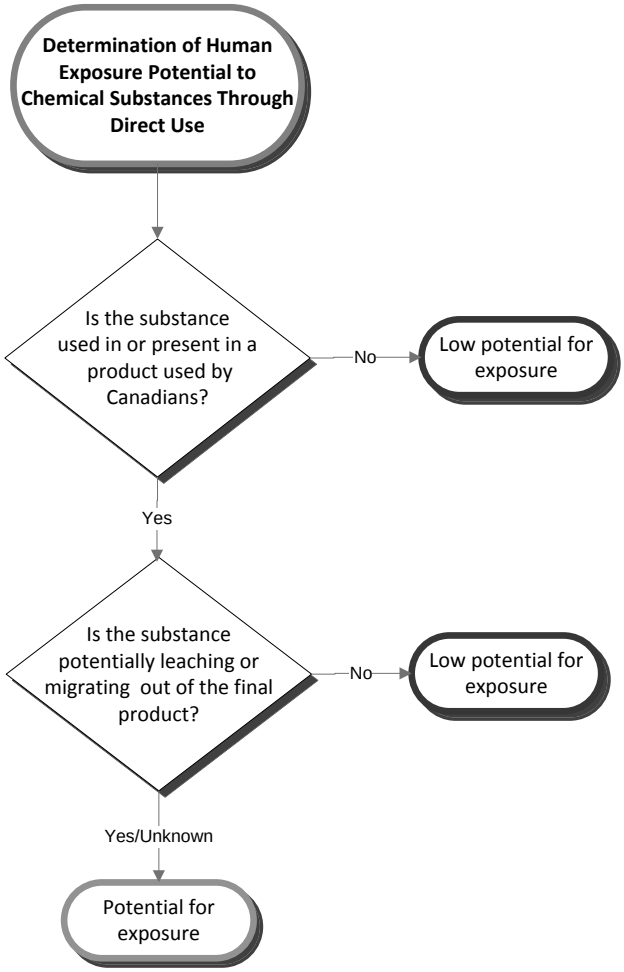

Figure 5: Considerations for the determination of direct human exposure potential to chemical substances through direct use.

The term “direct use” refers to the use of a chemical substance that is directly, or as part of a mixture, a product, or a manufactured item, sold to or made available to Canadians for their use.

The term "direct use" does not include exposures from chemical products used by workers in an industrial setting or other workplace.

A user is considered to be anyone from the general public who has access to a product that is advertised, imported or sold in Canada[4].

[4]http://www.hc-sc.gc.ca/cps-spc/pubs/indust/cccr-2001-rpccc/ref_man/sec-1-article_page2-eng.php

To determine if a substance is used in or present in a product used by Canadians, the following resources were consulted:

- Information from a mandatory s.71 survey of information collected under the Canadian Environmental Protection Act (where available); e.g. Phase One of the Domestic Substances List Inventory Update (Canada 2009b)
- Health Canada's Cosmetic Notification System (CNS 2010)
- Health Canada list of Food Additives (Division 16 of the *Food and Drug Regulations*) (Canada 1978) [Accessed November 2010]
- Health Canada's Natural Health Products Ingredients Database (NHPID2010)
- Health Canada's Licensed Natural Health Products Database (LNHPD 2010)
- Health Canada's Drug Product Database (DPD 2010)
- Everything Added to Food in the United States Database (EAFUS 2010)
- Household Products Database (HPD 2010)
- Hazardous Substances Data Bank (HSDB c1993-2008)
- Pest Management Regulatory Agency Product Information Database (PMRA 2010a)
- Pest Management Regulatory Agency List of Formulants (PMRA 2010b)
- National and international assessments and databases
- Other publicly available resources

Based on the information identified from these resources, together with other available information on the substance, the following considerations were used to determine potential for direct exposure:

1. Substances to which direct exposures to the general population are not expected include, but are not limited to, substances:

    a. used only as intermediates in the manufacturing process,
    b. used only for industrial use, or
    c. used only for research purposes

2. Substances with potential for direct exposure to the general population include those that are present, either intentionally or unintentionally, in products or manufactured items that are commonly used by Canadians. These include, but are not limited to, substances used in:

    - products intended for use by children, including manufactured items such as plastic or wooden toys
    - personal care products,
    - commercial paints and inks,
    - commercial adhesives,
    - hobby activities or Do-It-Yourself products,
    - clothing, fabric and other textiles, including bedding and furniture
    - cleaning products,

- food additives, or
- fragrances

3. Information on potential for the substance to migrate from products

Considerations for determining whether a substance is migrating out of the final product include the type of product that the substance is present in, the substance's functional use in that product, as well as the substance's physical-chemical properties. For example, direct exposure would not be expected to occur for a substance used as a curing agent in a polymer as the substance would be reacted into the stable matrices of the cured polymer and would therefore not typically be available for migration.

If this information is not known for a substance, it was assumed that the substance may be migrating out of the final product, which may lead to direct exposure for users.

Assessment of Potential to Cause Harm to Human Health

Of the 601 substances examined from a human health perspective, 68 substances were identified as having the potential to result in exposure to the general population and therefore further assessment of exposure and hazard potential of these substances will be completed to determine if they meet the criteria set out in section 64 of CEPA 1999. Substances with potential for exposure to the general population and therefore requiring further assessment are included in Appendix B (Substances Requiring Further Assessment Identified through the Human Health Approach).

Exposure to the general population was considered to be negligible for the remaining 533 substances. As exposure to the general population is considered negligible, it is concluded that the substances are unlikely to cause harm to human health at current levels of exposure and so do not meet the criterion set out in paragraph 64(c) of CEPA 1999. The list of the substances that do not meet the criteria set out in section 64 of CEPA 1999 is provided in Appendix C.

Uncertainties in the Evaluation of Risk to Human Health

As stated in the summary of ecological uncertainties, a primary uncertainty in this approach is that the substances identified for rapid screening under this assessment are those nominated to the DSL (based on quantities imported, manufactured or otherwise in commerce in Canada in 1986) at total quantities ≤ 1000 kg across the country. If substances are present at higher quantities at the present time, they may warrant further assessment for indirect exposure potential to the general population. However, up-to-date information was used to identify potential sources of direct exposure. The recent information that has been collected for 59 substances under the first stage of DSL Inventory Update has been taken into account in finalising this assessment and reduces uncertainty for those substances. Additional DSL Inventory Update information on these substances in the future will verify quantities and reduce uncertainty in the

assessment outcome. Accordingly, substances may be subject to further assessment based on new information when available.

Further Activities

It is important to recognize that the Government of Canada identifies substances for assessment based on a number of different considerations. Substances for which it is concluded, based on the outcome of the rapid screening approach and other considerations, that they do not meet the criteria in section 64 of CEPA 1999 remain subject to re-assessment if information is identified that indicates that further evaluation of the substance is warranted. Examples of the types of information that may trigger further evaluation of a substance include, but are not limited to:

- **Evidence of higher quantities in commerce.** Since the rapid screening approach is driven, in part, by information on the quantity in use, updated information to suggest that higher quantities of a substance are now in use could indicate that a substance should be subject to further evaluation.
- **Evidence of higher releases.** The exposure scenarios used assumptions that are expected to be conservative for most substances. Updated information indicating that the assumed conditions are not protective for a particular substance owing to its routine handling and use could indicate that a substance should be the subject of further evaluation.
- **Evidence of ecological or human exposure.** Biomonitoring/monitoring data demonstrating the detectable presence of a substance in environmental media or humans could indicate that a substance should be the subject for further evaluation
- **Evidence of other possible ecological risk.** Information that was not considered in the rapid screening approach, but that could be of significance in establishing an ecological risk for a substance, could indicate that a substance should be subject to additional assessment.
- **Evidence that a substance is highly persistent and bioaccumulative.** Since substances categorized as PBiTs are not candidates for the rapid screening approach, any information to suggest that the substance is PBiT could trigger further evaluation of the substance.
- **Evidence that a substance is highly hazardous.** Information that indicates that the substance is highly hazardous could indicate that a substance should be subject to further evaluation.
- **Identification as part of a category/group undergoing assessment.** If the substance is part of a group that is prioritized for a category assessment at some time in the future, the substance may be subject to this further evaluation.
- **Evidence of changes in use pattern.** Information indicating new uses associated with the substance with potential for direct exposure to the general population could indicate that a substance should be subject to further evaluation.

Information of these types may be identified from a number of different sources, including:

- direct submission of information by stakeholders;
- research, monitoring and DSL update activities taking place under the Chemicals Management Plan;
- other assessment or regulatory activities in Canada or in foreign or international fora.

Conclusion

Based on the results of this screening assessment, it is concluded that the 533 substances listed in Appendix C are not entering the environment in a quantity or concentration or under conditions that have or may have an immediate or long-term harmful effect on the environment or its biological diversity, that constitute or may constitute a danger to the environment on which life depends, or that constitute or may constitute a danger in Canada to human life or health.

It is therefore concluded that the 533 substances listed in Appendix C do not meet the criteria as set out in section 64 of *CEPA* 1999.

These substances have been or will be included in the previous (2009) or upcoming Domestic Substances List inventory update initiatives to verify the assumptions made regarding volumes in use in Canada.

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Appendix A: Number of Substances Flagged by each Mechanical Filter (results from 1066 substances considered for rapid screening)[i,ii]

Mechanical Filters	Number of Substances
Exposure – quantities, releases and industrial information	
PATH – Substance identified as requiring further assessment	
OECD HPV	20
ICCA HPV	0
US HPV	11
US EXTENDED HPV	2
Japan HPV	2
Australia HPV	0
PATH – Substance further evaluated at the manual process stage	
CEPA 1999 Pilot Project (CA)	2
CEPA 1999 Section 71 Notices (CA)	9
Categorization Industry Submission (CA)	16
Toxic Substances Control Act – Inventory Update Rule (US)	128
Toxic Substances Control Act – 12(b) Export Notification (US)	1
Chemical Industries Association List (UK)	8
Research Institute for Fragrance Materials	0
SPIN database (Scandinavian countries)	242
KEMI Index - surface water; air; soil; STP (SE)	11; 13; 21; 39
National Pollutant Release Inventory (CA)	0
Toxics Release Inventory (US)	4
National Pollutant Inventory (AU)	0
Pollutant Release & Transfer Register (JN)	0
Hazardous substances lists or substance profiles	
PATH – Substance identified as requiring further assessment	
Great Lakes Binational Toxics List (CA/US)	0
PIC List (UN)	0
PATH – Substance further evaluated at the manual process stage	
CEPA 1999 Section 200 Environmental Emergencies List(CA)	1
PSL2 Nomination Dossiers (CA)	1
Forest Products Industry List (CA)	14
ARET List (CA)	1
Great Lakes211 Air Toxics(CA/US)	0
NAPS (CA)	0
ETC Air Monitoring (CA)	1
Pest Control Products Act Registered Active Ingredients (CA)	4
Banned or Severely Restricted Pesticides (US)	1
PBT List (US)	0
Air Toxics / Hot Spots Chemicals (California)	3
Clean Water Act Priority Pollutants (US)	2
Superfund Site Chemicals (US)	11
Hazardous Constituents Under RCRA (US)	8
Nordic Council List of Chemicals Hazardous to Environment (EU)	16
OSPAR List (EU)	4
UNEP/FAO/WHO Inchem Pesticide Classification (UN)	1
Priority Substances List (EU)	0
Toxic Chemicals List (China)	1
Camford Information Services Profiles (CA)	0

Mechanical Filters	Number of Substances
BUA Reports (DE)	2
UNEP EHC (UN)	0
RAIS Tox Profile (US)	0
TSCATS (US)	6
Right-to know fact sheets (New Jersey)	19
Miscellaneous properties and hazard databases	
PATH – Substance further evaluated at manual process,if flagged by >1 information source	
HSDB Record (US)	25
NTP Reports / Studies (US)	4
IUCLID (EU)	1
AQUIRE (US)	38
TERRETOX (US)	11
PHYTOTOX (US)	1
ChemFate – Syracuse Research Corporation (US)	7
Datalog – Syracuse Research Corporation (US)	26
CESARS – Ontario Database (CA/US)	7

[i]Dark gray rows correspond to mechanical filters that may trigger further assessment, rows with no shading correspond to mechanical filters that trigger the manual process, and light gray rows correspond to the manual process.

[ii]Discrepancies may occur between the values presented in this table and the specific values identified at each step in the text due to the table being based on the original list of 1066 substances which were candidates for rapid screening.

Appendix B: Substances Identified as Requiring Further Assessment

CAS RN	DSL Name
Substances Identified as No Longer Meeting Scope of Rapid Screening Approach	
Substances Deleted from the Domestic Substances List	
84-77-5	1,2-Benzenedicarboxylic acid, didecyl ester
620-40-6	Benzenemethanamine, N,N-bis(phenylmethyl)-
1191-15-7	Aluminum, hydrobis(2-methylpropyl)-
16853-85-3	Aluminate(1-), tetrahydro-, lithium, (T-4)-
Substances Manufactured and/or Imported at Greater than 1000 kg	
523-31-9	1,2-Benzenedicarboxylic acid, bis(phenylmethyl) ester
1345-04-6	Antimony sulfide (Sb2S3)
2452-01-9	Dodecanoic acid, zinc salt
3896-11-5	Phenol, 2-(5-chloro-2H-benzotriazol-2-yl)-6-(1,1-dimethylethyl)-4-methyl-
7446-26-6	Diphosphoric acid, zinc salt (1:2)
10025-91-9	Stibine, trichloro-
13189-00-9	2-Propenoic acid, 2-methyl-, zinc salt
14059-33-7	Bismuth vanadium oxide (BiVO4)
14726-36-4	Zinc, bis[bis(phenylmethyl)carbamodithioato-S,S']-, (T-4)-
25155-23-1	Phenol, dimethyl-, phosphate (3:1)
32610-77-8	Formaldehyde, polymer with N,N'-bis(2-aminoethyl)-1,2-ethanediamine and phenol
33908-66-6	Antimonate (Sb(OH)61-), sodium, (OC-6-11)-
36437-37-3	Phenol, 2-(2H-benzotriazol-2-yl)-4-(1,1-dimethylethyl)-6-(1-methylpropyl)-
53894-23-8	1,2,4-Benzenetricarboxylic acid, triisononyl ester
61617-00-3	2H-Benzimidazole-2-thione, 1,3-dihydro-4(or 5)-methyl-, zinc salt (2:1)
68988-45-4	Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu and pentyl) esters, zinc salts
113706-15-3	Phosphorodithioic acid, mixed O,O-bis(sec-Bu and isooctyl) esters, zinc salts
Substances with Commercial Status to be Confirmed prior to Assessment Decision	
14816-18-3	3,5-Dioxa-6-aza-4-phosphaoct-6-ene-8-nitrile, 4-ethoxy-7-phenyl-, 4-sulfide
Substances Identified for Inclusion in Future Rapid Screening Approach	
86-74-8	9H-Carbazole
108-44-1	Benzenamine, 3-methyl-
507-28-8	Arsonium, tetraphenyl-, chloride
557-28-8	Propanoic acid, zinc salt
563-68-8	Acetic acid, thallium(1++) salt
603-32-7	Arsine, triphenyl-
1153-05-5	Arsine oxide, triphenyl-
2422-91-5	Benzene, 1,1',1''-methylidynetris[4-isocyanato-
6362-80-7	Benzene, 1,1'-(1,1-dimethyl-3-methylene-1,3-propanediyl)bis-
6858-49-7	Propanedinitrile, [[4-[ethyl[2-[[(phenylamino)carbonyl]oxy]ethyl]amino]-2-methylphenyl]methylene]-
10361-44-1	Nitric acid, bismuth(3++) salt
12008-21-8	Lanthanum boride (LaB6), (OC-6-11)-
13082-47-8	Xanthylium, 9-(2-carboxyphenyl)-3,6-bis(diethylamino)-, hydroxide
13497-94-4	Silver vanadium oxide (AgVO3)

CAS RN	DSL Name
14024-63-6	Zinc, bis(2,4-pentanedionato-O,O')-, (T-4)-
19720-45-7	9,10-Anthracenedione, 1,4-bis[(2-methylpropyl)amino]-
24345-02-6	Benzenesulfinic acid, 4-methyl-, zinc salt
27251-75-8	1,2,4-Benzenetricarboxylic acid, triisooctyl ester
27288-44-4	Acetic acid, mercapto-, isooctyl ester, antimony(3++) salt
30172-67-9	Benzene, bis(phenylmethyl)-
31135-57-6	1H-Benzimidazolesulfonic acid, 2-heptadecyl-1-[(sulfophenyl)methyl]-, disodium salt
38656-51-8	Benzenediazonium, 2,5-diethoxy-4-[(4-methylphenyl)thio]-, (T-4)-tetrachlorozincate(2-) (2:1)
43126-83-6	tert-Dodecanethiol, silver(1++) salt
49757-42-8	Benzene, 1,1',1''-(chloromethylidyne)tris[4-methoxy-
50594-66-6	Benzoic acid, 5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitro-
51731-04-5	Octadecanoic acid, zinc salt, basic
52108-54-0	Phosphoric acid, 2-ethylhexyl ester, zinc salt
52434-90-9	1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris(2,3-dibromopropyl)-
60580-61-2	1,3-Benzenedicarboxylic acid, 5-nitro-, zinc salt (1:1)
65046-95-9	Zinc, bis(2-methoxybenzoato-O1,O2)-, (T-4)-
68092-46-6	Benzoic acid, 3-methyl-, zinc salt
68512-49-2	Cadmium zinc sulfide ((Cd,Zn)S), copper chloride-doped
68540-77-2	1-Anthracenediazonium, 9,10-dihydro-9,10-dioxo-, chloride, compd. with zinc chloride (ZnCl2)
68647-36-9	Xanthylium, 9-(2-carboxyphenyl)-3,6-bis(diethylamino)-, tungstatesilicate
72102-51-3	3H-Indolium, 2-[2-[4-(diethylamino)phenyl]ethenyl]-1,3,3-trimethyl-, trichlorozincate(1-)
73003-83-5	Arsonium, tetraphenyl-, chloride, compd. with hydrochloric acid (1:1)
85298-60-8	Zinc, bis(diisononylcarbamodithioato-S,S')-
101747-77-7	Phosphorodithioic acid, mixed O,O-bis(iso-Bu and iso-Pr and pentyl) esters, zinc salts
125494-58-8	Zinc, C9-28-neocarboxylate 2-ethylhexanoate naphthenate complexes
Substances Identified as Subject to Other Assessment Activity	
84-64-0	1,2-Benzenedicarboxylic acid, butyl cyclohexyl ester
91-92-9	2-Naphthalenecarboxamide, N,N'-(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis[3-hydroxy-
91-97-4	1,1'-Biphenyl, 4,4'-diisocyanato-3,3'-dimethyl-
95-51-2	Benzenamine, 2-chloro-
95-76-1	Benzenamine, 3,4-dichloro-
101-75-7	Benzenamine, N-phenyl-4-(phenylazo)-
298-83-9	2H-Tetrazolium, 3,3'-(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis[2-(4-nitrophenyl)-5-phenyl-, dichloride
366-29-0	[1,1'-Biphenyl]-4,4'-diamine, N,N,N',N'-tetramethyl-
519-73-3	Benzene, 1,1',1''-methylidynetris-
992-59-6	1-Naphthalenesulfonic acid, 3,3'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[4-amino-, disodium salt
1325-54-8	C.I. Direct Orange 39
2150-54-1	2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[4,5-dihydroxy-, tetrasodium salt
2429-71-2	1-Naphthalenesulfonic acid, 3,3'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[4-hydroxy-, disodium salt
2829-42-7	Benzoic acid, 3,3'-[carbonylbis(imino-4,1-phenyleneazo)]bis[6-hydroxy-, disodium

CAS RN	DSL Name
	salt
2869-83-2	Phenazinium, 3-(diethylamino)-7-[[4-(dimethylamino)phenyl]azo]-5-phenyl-, chloride
2870-32-8	Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[(4-ethoxyphenyl)azo]-, disodium salt
3071-73-6	1-Naphthalenesulfonic acid, 8-(phenylamino)-5-[[4-[(5-sulfo-1-naphthalenyl)azo]-1-naphthalenyl]azo]-, disodium salt
3687-80-7	1-Naphthalenesulfonic acid, 4-[[1-hydroxy-6-[[[[5-hydroxy-6-[(2-methoxyphenyl)azo]-7-sulfo-2-naphthalenyl]amino]carbonyl]amino]-3-sulfo-2-naphthalenyl]azo]-, trisodium salt
4175-37-5	Benzenamine, 4-octyl-N-phenyl-
4608-12-2	Phenazinium, 3-(dimethylamino)-7-[[4-(dimethylamino)phenyl]azo]-5-phenyl-, chloride
4618-88-6	Phenazinium, 3-amino-7-[[4-(dimethylamino)phenyl]azo]-5-phenyl-, chloride
5001-72-9	2-Naphthalenesulfonic acid, 7,7'-iminobis[4-hydroxy-3-(phenylazo)-, disodium salt
5290-62-0	1-Naphthalenol, 4-[(4-nitrophenyl)azo]-
5334-09-8	1,2-Benzenedicarboxylic acid, cyclohexyl 2-methylpropyl ester
5819-01-2	Dodecane, 1,1'-selenobis-
6262-07-3	2-Naphthalenesulfonic acid, 6-hydroxy-5-[[4-[[4-(phenylamino)-3-sulfophenyl]azo]-1-naphthalenyl]azo]-, disodium salt
6372-81-2	Benzoic acid, 2-[(2-hydroxy-1-naphthalenyl)azo]-, barium salt (2:1)
6406-87-7	2-Naphthalenesulfonic acid, 5-[(7-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-8-[[4-(phenylazo)-7-sulfo-1-naphthalenyl]azo]-, trisodium salt
6420-22-0	2,7-Naphthalenedisulfonic acid, 5-amino-3-[[4'-[(6-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-3,3'-dimethyl[1,1'-biphenyl]-4-yl]azo]-4-hydroxy-, trisodium salt
6420-41-3	2-Naphthalenesulfonic acid, 4-hydroxy-7-[[[[5-hydroxy-6-(phenylazo)-7-sulfo-2-naphthalenyl]amino]carbonyl]amino]-3-[(6-sulfo-2-naphthalenyl)azo]-, trisodium salt
6420-43-5	2-Naphthalenesulfonic acid, 4-hydroxy-7-[[[[5-hydroxy-6-[(2-methylphenyl)azo]-7-sulfo-2-naphthalenyl]amino]carbonyl]amino]-3-[(2-methyl-4-sulfophenyl)azo]-, trisodium salt
6449-35-0	1-Naphthalenesulfonic acid, 3-[[4'-[(6-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-3,3'-dimethoxy[1,1'-biphenyl]-4-yl]azo]-4-hydroxy-, disodium salt
6470-20-8	[1,1'-Biphenyl]-2,2'-disulfonic acid, 4-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl)azo]-4'-[(2-hydroxy-1-naphthalenyl)azo]-, disodium salt
6471-09-6	Benzoic acid, 5-[[4-[[4-[[4-[(4-amino-9,10-dihydro-9,10-dioxo-3-sulfo-1-anthracenyl)amino]-2-sulfophenyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]phenyl]azo]-2-hydroxy-, trisodium salt
6476-10-4	2-Naphthalenesulfonic acid, 8-[(7-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-5-[[4-(phenylazo)-6-sulfo-1-naphthalenyl]azo]-, trisodium salt
6507-77-3	1,3-Naphthalenedisulfonic acid, 7-hydroxy-8-[[4-[1-[4-[(4-hydroxyphenyl)azo]phenyl]cyclohexyl]phenyl]azo]-, disodium salt
6548-29-4	2,7-Naphthalenedisulfonic acid, 4,4'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[3-amino-, tetrasodium salt
6548-30-7	1,3-Naphthalenedisulfonic acid, 8-[[3,3'-dimethoxy-4'-[[4-[[(4-methylphenyl)sulfonyl]oxy]phenyl]azo][1,1'-biphenyl]-4-yl]azo]-7-hydroxy-, disodium salt
6657-00-7	Phenol, 4-[[2-methoxy-5-methyl-4-(phenylazo)phenyl]azo]-
6708-61-8	1-Triazene, 1-(4-nitro-1-naphthalenyl)-3-[4-(phenylazo)phenyl]-
7488-56-4	Selenium sulfide (SeS2)
7791-23-3	Seleninyl chloride
8011-87-8	C.I. Pigment Green 19

CAS RN	DSL Name
10114-47-3	7-Benzothiazolesulfonic acid, 2,2'-(azodi-4,1-phenylene)bis[6-methyl-, disodium salt
10134-33-5	2-Naphthalenesulfonic acid, 8-[(7-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-5-[[4-(phenylazo)-7-sulfo-1-naphthalenyl]azo]-, trisodium salt
10169-02-5	[1,1'-Biphenyl]-2,2'-disulfonic acid, 4,4'-bis[(2-hydroxy-1-naphthalenyl)azo]-, disodium salt
10189-42-1	Pyridinium, 1-[2-[[4-[[2,6-dichloro-4-[(dimethylamino)sulfonyl]phenyl]azo]phenyl]ethylamino]ethyl]-, chloride
10210-68-1	Cobalt, di-μ-carbonylhexacarbonyldi-, (Co-Co)
10214-40-1	Selenious acid, copper(2++) salt (1:1)
10482-42-5	2-Naphthalenesulfonic acid, 5-[(7-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-8-[[4-(phenylazo)-6-sulfo-1-naphthalenyl]azo]-, trisodium salt
10534-89-1	Cobalt(3++), hexaammine-, trichloride, (OC-6-11)-
12007-60-2	Boron lithium oxide (B4Li2O7)
12137-76-7	Palladium selenide (PdSe)
12217-64-0	1,3-Naphthalenedisulfonic acid, 7,7'-[carbonylbis[imino(5-methoxy-2-methyl-4,1-phenylene)azo]]bis-, tetrasodium salt
12271-95-3	Boron silver oxide (B4Ag2O7)
13410-01-0	Selenic acid, disodium salt
13782-01-9	Cobaltate(3-), hexakis(nitrito-N)-, tripotassium, (OC-6-11)-
13824-00-5	2-Naphthalenecarboxamide, 3-hydroxy-N-(4-methoxyphenyl)-4-[(4-methylphenyl)azo]-
14408-20-9	Pyridinium, 1-[2-[[4-[(2,6-dichloro-4-nitrophenyl)azo]phenyl]ethylamino]ethyl]-, chloride
17947-32-9	2-Naphthalenecarboxamide, 3-hydroxy-N-(4-methoxyphenyl)-4-(phenylazo)-
20405-64-5	Copper selenide (Cu2Se)
21519-06-2	3H-Pyrazol-3-one, 2,4-dihydro-2-(3-hydroxyphenyl)-5-methyl-4-[[4-(phenylazo)phenyl]azo]-
21559-14-8	Selenium, bis(diethylcarbamodithioato-S)bis(diethylcarbamodithioato-S,S')-
23408-72-2	Benzothiazolium, 2-[[4-(dimethylamino)phenyl]azo]-3-ethyl-6-methoxy-, trichlorozincate(1-)
25317-22-0	1-Naphthalenesulfonic acid, 3-[[4-(benzoylethylamino)-2-methylphenyl]azo]-4-hydroxy-
26021-20-5	Acetamide, N-[2-[(2-bromo-4,6-dinitrophenyl)azo]-5-[(2-cyanoethyl)(2-hydroxyethyl)amino]-4-methoxyphenyl]-
27184-69-6	Phenol, 4,4'-[1,4-phenylenebis(azo)]bis[3-methyl-
27215-22-1	1,2-Benzenedicarboxylic acid, isooctyl phenylmethyl ester
27987-25-3	1,2-Benzenedicarboxylic acid, bis(methylcyclohexyl) ester
29508-48-3	1H-Pyrazolium, 1,5-dimethyl-3-[(2-methyl-1H-indol-3-yl)azo]-2-phenyl-, methyl sulfate
29706-48-7	Benzenesulfonic acid, 3-[[[4-(2-benzothiazolylazo)-3-methylphenyl]ethylamino]methyl]-
32829-81-5	Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(4-sulfophenyl)azo]phenyl]azo]-, tetrasodium salt
35342-16-6	7-Benzothiazolesulfonic acid, 2-[4-[(hexahydro-2,4,6-trioxo-5-pyrimidinyl)azo]phenyl]-6-methyl-, monolithium salt
36968-27-1	2-Naphthalenecarboxamide, 4-[[4-(aminocarbonyl)phenyl]azo]-3-hydroxy-N-(2-methoxyphenyl)-
38582-17-1	Cyclohexanebutanoic acid, cobalt(2++) salt
38801-08-0	Benzoic acid, 4,4'-[carbonylbis[imino(1-hydroxy-3-sulfo-6,2-naphthalenediyl)azo]]bis-, compd. with 2,2',2''-nitrilotris[ethanol] (1:4)

CAS RN	DSL Name
42357-98-2	1H-Benz[de]isoquinoline-1,3(2H)-dione, 6-hydroxy-5-[(2-methoxy-4-nitrophenyl)azo]-2-methyl-
42358-36-1	1H-Benz[de]isoquinoline-1,3(2H)-dione, 2-ethyl-6-hydroxy-5-[(2-methoxy-4-nitrophenyl)azo]-
51249-07-1	3-Pyridinecarbonitrile, 1-(2-ethylhexyl)-1,2-dihydro-6-hydroxy-4-methyl-5-[(2-nitrophenyl)azo]-2-oxo-
51988-24-0	Benzenesulfonic acid, 3-[[4-[(4-hydroxy-3-methylphenyl)azo]-3-methoxyphenyl]azo]-, monolithium salt
52236-73-4	Benzenesulfonic acid, 4-[(5-amino-3-methyl-1-phenyl-1H-pyrazol-4-yl)azo]-2,5-dichloro-, monolithium salt
52769-39-8	1H-1,2,4-Triazolium, dimethyl-3-[[4-[methyl(phenylmethyl)amino]phenyl]azo]-, trichlorozincate(1-)
53523-90-3	Benzoic acid, 3,3'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)azo]]bis[6-hydroxy-5-methyl-, tetralithium salt
55290-62-5	Benzenesulfonamide, 4-[(1-butyl-5-cyano-1,6-dihydro-2-hydroxy-4-methyl-6-oxo-3-pyridinyl)azo]-N-(2-ethylhexyl)-
58104-55-5	2-Naphthalenesulfonamide, 6-hydroxy-N-(2-hydroxyethyl)-N-methyl-5-[[4-(phenylazo)phenyl]azo]-
59641-46-2	2-Naphthalenesulfonic acid, 7-[[4-chloro-6-[(3-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-4-hydroxy-3-[(4-methoxy-2-sulfophenyl)azo]-
62133-79-3	2-Naphthalenesulfonic acid, 5-[[4-[ethyl[(3-sulfophenyl)methyl]amino]phenyl]azo]-8-(phenylazo)-, disodium salt
62133-80-6	2-Naphthalenesulfonic acid, 8-[[4-[ethyl[(3-sulfophenyl)methyl]amino]phenyl]azo]-5-(phenylazo)-, disodium salt
62625-30-3	Phenol, 4,4'-(3H-2,1-benzoxathiol-3-ylidene)bis[2-bromo-6-methyl-, S,S-dioxide, monosodium salt
63589-49-1	1H-Pyrazolium, 2-cyclohexyl-3-[[4-(diethylamino)phenyl]azo]-1-methyl-, (T-4)-tetrachlorozincate(2-) (2:1)
65122-05-6	Diazene, [(1,3-dihydro-1,1,3-trimethyl-2H-inden-2-ylidene)methyl](2-methoxyphenyl)-
65150-80-3	C.I. Direct Yellow 11, lithium salt
65150-98-3	Thiazolium, 2-[[4-(diethylamino)phenyl]azo]-3-methyl-, (T-4)-tetrachlorozincate(2-) (2:1)
66693-26-3	Propanamide, N-[5-[bis[2-(2-cyanoethoxy)ethyl]amino]-2-[(2-chloro-4,6-dinitrophenyl)azo]-4-methoxyphenyl]-
67892-55-1	1-Naphthalenesulfonic acid, 5-[[4-[(2-chlorophenyl)azo]-6(or 7)-sulfo-1-naphthalenyl]azo]-8-(phenylamino)-, disodium salt
67905-67-3	Propanenitrile, 3-[butyl[4-[(6-nitro-2-benzothiazolyl)azo]phenyl]amino]-
67923-89-1	2,7-Naphthalenedisulfonic acid, 5-amino-4-hydroxy-3-[[4'-[(1-hydroxy-4-sulfo-2-naphthalenyl)azo]-3,3'-dimethoxy[1,1'-biphenyl]-4-yl]azo]-, trilithium salt
68155-63-5	2,7-Naphthalenedisulfonic acid, 5-[[2,4-dihydroxy-5-[(4-nitrophenyl)azo]phenyl]azo]-4-hydroxy-3-[(2-hydroxy-3,5-dinitrophenyl)azo]-, disodium salt
68214-63-1	3-Pyridinecarbonitrile, 5-[(3,4-dichlorophenyl)azo]-1,2-dihydro-6-hydroxy-4-methyl-2-oxo-1-(phenylamino)-
68318-35-4	2,7-Naphthalenedisulfonic acid, 4-amino-3-[[4'-[(2,4-dihydroxyphenyl)azo]-3,3'-dimethyl[1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-[(4-sulfophenyl)azo]-, trisodium salt
68929-07-7	Benzothiazolium, 2-[[4-[ethyl(2-hydroxyethyl)amino]phenyl]azo]-5-methoxy-3-methyl-, methyl sulfate (salt)
68936-17-4	1H-Imidazolium, 2-[[4-(dimethylamino)phenyl]azo]-1,3-dimethyl-, (T-4)-tetrachlorozincate(2-) (2:1)
68992-01-8	3-Pyridinecarbonitrile, 1-(2-ethylhexyl)-1,2-dihydro-6-hydroxy-5-[(4-methoxy-2-nitrophenyl)azo]-4-methyl-2-oxo-

CAS RN	DSL Name
69472-19-1	Propanenitrile, 3-[butyl[4-[(4-nitrophenyl)azo]phenyl]amino]-
69852-41-1	Benzothiazolium, 2-[[4-[ethyl(2-hydroxyethyl)amino]phenyl]azo]-6-methoxy-3-methyl-, (T-4)-tetrachlorozincate(2-) (2:1)
70210-05-8	2,7-Naphthalenedisulfonic acid, 3-[[2,4-bis(2-methylphenoxy)phenyl]azo]-4-hydroxy-5-[[(4-methylphenyl)sulfonyl]amino]-, disodium salt
70210-06-9	Benzenesulfonic acid, 3-[[ethyl[4-[[4-[(3-sulfophenyl)azo]-1-naphthalenyl]azo]phenyl]amino]methyl]-, disodium salt
70210-28-5	Benzoic acid, 5-[[4'-[[6-amino-5-(1H-benzotriazol-5-ylazo)-1-hydroxy-3-sulfo-2-naphthalenyl]azo]-3,3'-dimethoxy[1,1'-biphenyl]-4-yl]azo]-2-hydroxy-4-methyl-, disodium salt
70210-34-3	2,7-Naphthalenedisulfonic acid, 5-[[2,4-dihydroxy-5-[[4-[(4-nitro-2-sulfophenyl)amino]phenyl]azo]phenyl]azo]-4-hydroxy-3-[[4-[(4-nitro-2-sulfophenyl)amino]phenyl]azo]-, tetrasodium salt
71033-21-1	Benzothiazolesulfonic acid, 2,2'-(azodi-4,1-phenylene)bis[6-methyl-, disodium salt
71215-83-3	Benzoic acid, 5-[[4'-[(2-amino-8-hydroxy-6-sulfo-1-naphthalenyl)azo]-2,2'-dichloro[1,1'-biphenyl]-4-yl]azo]-2-hydroxy-, disodium salt
71550-22-6	2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[5-amino-4-hydroxy-, tetralithium salt
71767-19-6	2-Naphthalenesulfonic acid, 5-[[6-amino-1-hydroxy-3-sulfo-5-[(3-sulfophenyl)azo]-2-naphthalenyl]azo]-6-methoxy-8-[[7-sulfo-4-[(3-sulfophenyl)azo]-1-naphthalenyl]azo]-, pentasodium salt
71873-49-9	Benzoic acid, 4,4'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)-ONN-azoxy-4,1-phenyleneazo]]bis-, tetrasodium salt
71873-51-3	Benzenesulfonic acid, 2,5-dichloro-4-[4-[[5-[[(dodecyloxy)carbonyl]amino]-2-sulfophenyl]azo]-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-1-yl]-, disodium salt
72139-21-0	Benzoic acid, 3,3'-[(1,4-dioxo-2-butene-1,4-diyl)bis(imino-4,1-phenyleneazo)]bis[6-hydroxy-, disodium salt
72152-50-2	Benzoic acid, 2-[[6-[[4-[[6-(benzoylamino)-1-hydroxy-3-sulfo-2-naphthalenyl]azo]-3-methylbenzoyl]amino]-1-hydroxy-3-sulfo-2-naphthalenyl]azo]-, trisodium salt
72245-49-9	Benzoic acid, 4-[[1-hydroxy-6-[[[[5-hydroxy-6-[(2-methyl-4-sulfophenyl)azo]-7-sulfo-2-naphthalenyl]amino]carbonyl]amino]-3-sulfo-2-naphthalenyl]azo]-, sodium salt
72245-56-8	2,7-Naphthalenedisulfonic acid, 4-amino-3-[[4-[[[4-[(2,4-diaminophenyl)azo]phenyl]amino]carbonyl]phenyl]azo]-5-hydroxy-6-(phenylazo)-, sodium salt
72252-59-6	[1,1'-Biphenyl]-3,3'-dicarboxylic acid, 4-[[5-[[5-(aminosulfonyl)-2-hydroxyphenyl]azo]-1-hydroxy-6-(phenylamino)-3-sulfo-2-naphthalenyl]azo]-4'-[[1-[[(3-carboxy-4-hydroxyphenyl)amino]carbonyl]-2-oxopropyl]azo]-, tetrasodium salt
72361-40-1	Pyridinium, 1-[2-[[4-[(2-bromo-4,6-dinitrophenyl)azo]-3-methylphenyl]ethylamino]ethyl]-, chloride
72496-92-5	Naphthalenesulfonic acid, 5-[[2,4-dihydroxy-5-[[4-[(4-nitro-2-sulfophenyl)amino]phenyl]azo]phenyl]azo]-8-[[4-[(4-nitro-2-sulfophenyl)amino]phenyl]azo]-, trisodium salt
72749-87-2	2-Naphthalenesulfonic acid, 7,7'-(carbonyldiimino)bis[4-hydroxy-3-[(2-methylphenyl)azo]-, disodium salt
72749-88-3	2-Naphthalenesulfonic acid, 7,7'-(carbonyldiimino)bis[4-hydroxy-3-[(2-methoxyphenyl)azo]-, disodium salt
72828-67-2	1,3-Naphthalenedisulfonic acid, 7-hydroxy-8-[[4-[1-[4-[(4-hydroxyphenyl)azo]phenyl]cyclohexyl]phenyl]azo]-, potassium sodium salt
72828-83-2	2,7-Naphthalenedisulfonic acid, 5-(benzoylamino)-3-[[2-(2-cyclohexylphenoxy)phenyl]azo]-4-hydroxy-, disodium salt
72869-37-5	Zinc sulfide (ZnS), cobalt and copper-doped

CAS RN	DSL Name
72869-93-3	2-Naphthalenesulfonic acid, 7,7'-(carbonyldiimino)bis[4-hydroxy-3-[(6-sulfo-2-naphthalenyl)azo]-, compd. with 2,2'-(methylimino)bis[ethanol] (1:4)
72968-80-0	2-Naphthalenesulfonic acid, 5-[[4-[[(4-methylphenyl)sulfonyl]oxy]phenyl]azo]-8-[[4-[(4-nitro-2-sulfophenyl)amino]phenyl]azo]-, disodium salt
72968-81-1	2-Naphthalenesulfonic acid, 8-[[4-[[(4-methylphenyl)sulfonyl]oxy]phenyl]azo]-5-[[4-[(4-nitro-2-sulfophenyl)amino]phenyl]azo]-, disodium salt
72986-60-8	2-Naphthalenesulfonic acid, 5-[[4-[(4-nitro-2-sulfophenyl)amino]phenyl]azo]-8-[[4-[(phenylsulfonyl)oxy]phenyl]azo]-, disodium salt
72986-61-9	2-Naphthalenesulfonic acid, 8-[[4-[(4-nitro-2-sulfophenyl)amino]phenyl]azo]-5-[[4-[(phenylsulfonyl)oxy]phenyl]azo]-, disodium salt
73507-36-5	2-Naphthalenesulfonic acid, 7-(benzoylamino)-4-hydroxy-3-[[4-[(4-sulfophenyl)azo]phenyl]azo]-, compds. with N,N'-bis(mixed Ph and tolyl and xylyl)guanidine monohydrochloride
74744-63-1	1H-1,2,4-Triazolium, 3,3'(or 5,5')-[1,2-ethanediylbis[(ethylimino)-4,1-phenyleneazo]]bis[1,4-dimethyl-, (T-4)-tetrachlorozincate(2-) (1:1)
75150-14-0	1,4-Benzenedisulfonic acid, 2-[[4-[[4-[[1-hydroxy-6-(phenylamino)-3-sulfo-2-naphthalenyl]azo]-1-naphthalenyl]azo]-6-sulfo-1-naphthalenyl]azo]-, ammonium sodium salt
75199-20-1	1,3'-Bipyridinium, 1',2'-dihydro-6'-hydroxy-3,4'-dimethyl-2'-oxo-5'-[[4-(phenylazo)phenyl]azo]-, chloride
75659-72-2	2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[5-amino-4-hydroxy-, monolithium trisodium salt
75659-73-3	2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[5-amino-4-hydroxy-, dilithium disodium salt
75673-18-6	2,7-Naphthalenedisulfonic acid, 5-amino-4-hydroxy-3-[[4'-[(1-hydroxy-4-sulfo-2-naphthalenyl)azo]-3,3'-dimethoxy[1,1'-biphenyl]-4-yl]azo]-, monolithium disodium salt
75673-19-7	2,7-Naphthalenedisulfonic acid, 5-amino-4-hydroxy-3-[[4'-[(1-hydroxy-4-sulfo-2-naphthalenyl)azo]-3,3'-dimethoxy[1,1'-biphenyl]-4-yl]azo]-, dilithium monosodium salt
75673-34-6	1-Naphthalenesulfonic acid, 3,3'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[4-hydroxy-, dilithium salt
75673-35-7	1-Naphthalenesulfonic acid, 3,3'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[4-hydroxy-, monolithium monosodium salt
75752-17-9	2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[5-amino-4-hydroxy-, trilithium monosodium salt
75768-93-3	2-Naphthalenesulfonic acid, 7-(benzoylamino)-4-hydroxy-3-[[4-[(4-sulfophenyl)azo]phenyl]azo]-, compd. with 2,2',2''-nitrilotris[ethanol] (1:2)
79234-36-9	2,7-Naphthalenedisulfonic acid, 5-(benzoylamino)-3-[[2-(4-cyclohexylphenoxy)phenyl]azo]-4-hydroxy-, disodium salt
83006-48-8	Benzenesulfonic acid, 4-[4-[[3-[(ethylphenylamino)sulfonyl]-4-methylphenyl]azo]-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-1-yl]-
83006-74-0	1-Naphthalenesulfonic acid, 8-(phenylamino)-5-[[4-[(5-sulfo-1-naphthalenyl)azo]-1-naphthalenyl]azo]-, ammonium sodium salt
83006-77-3	1-Naphthalenesulfonic acid, 8-(phenylamino)-5-[[4-[(3-sulfophenyl)azo]-1-naphthalenyl]azo]-, ammonium sodium salt
83221-38-9	Benzenesulfonamide, 4-[[4-[[4-(2-hydroxybutoxy)-3-methylphenyl]azo]phenyl]amino]-3-nitro-N-(phenylsulfonyl)-, monolithium salt
83221-53-8	Benzoic acid, 5-[[4-[(7-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-1-naphthalenyl]azo]-2-hydroxy-, sodium salt
83221-54-9	Benzoic acid, 3-[[4-[(7-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-1-naphthalenyl]azo]-2-hydroxy-, sodium salt
83221-56-1	2-Naphthalenesulfonic acid, 7,7'-(carbonyldiimino)bis[4-hydroxy-3-(phenylazo)-,

CAS RN	DSL Name
	sodium salt
83221-60-7	1,6-Naphthalenedisulfonic acid, 4-[[4-[[1-hydroxy-6-(phenylamino)-3-sulfo-2-naphthalenyl]azo]-1-naphthalenyl]azo]-, ammonium sodium salt
83221-63-0	2,7-Naphthalenedisulfonic acid, 4-amino-3-[[4'-[(2,4-diaminophenyl)azo]-2,2'-disulfo[1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)-, sodium salt
83221-68-5	2-Naphthalenesulfonic acid, 6-[(2,4-diaminophenyl)azo]-3-[[4-[[4-[[7-[(2,4-diaminophenyl)azo]-1-hydroxy-3-sulfo-2-naphthalenyl]azo]phenyl]amino]-3-sulfophenyl]azo]-4-hydroxy-, trilithium salt
83221-69-6	2-Naphthalenesulfonic acid, 6-[(2,4-diaminophenyl)azo]-3-[[4-[[4-[[7-[(2,4-diaminophenyl)azo]-1-hydroxy-3-sulfo-2-naphthalenyl]azo]phenyl]amino]-3-sulfophenyl]azo]-4-hydroxy-, lithium sodium salt
83221-72-1	2,7-Naphthalenedisulfonic acid, 4-amino-3,6-bis[[4-[(2,4-diaminophenyl)azo]phenyl]azo]-5-hydroxy-, lithium sodium salt
83221-73-2	Benzoic acid, 4,4'-[carbonylbis[imino(1-hydroxy-3-sulfo-6,2-naphthalenediyl)azo]]bis-, sodium salt
83221-74-3	Benzoic acid, 4-[[1-hydroxy-6-[[[[5-hydroxy-6-(phenylazo)-7-sulfo-2-naphthalenyl]amino]carbonyl]amino]-3-sulfo-2-naphthalenyl]azo]-, sodium salt
83232-28-4	2-Naphthalenesulfonic acid, 7,7'-(carbonyldiimino)bis[3-[[4-(acetylamino)phenyl]azo]-4-hydroxy-, sodium salt
83232-29-5	2-Naphthalenesulfonic acid, 3-[[4-(acetylamino)phenyl]azo]-4-hydroxy-7-[[[[5-hydroxy-6-(phenylazo)-7-sulfo-2-naphthalenyl]amino]carbonyl]amino]-, sodium salt
83232-30-8	2-Naphthalenesulfonic acid, 7,7'-(carbonyldiimino)bis[4-hydroxy-3-[(2-methylphenyl)azo]-, sodium salt
83232-31-9	2-Naphthalenesulfonic acid, 7,7'-(carbonyldiimino)bis[4-hydroxy-3-[(2-methyl-4-sulfophenyl)azo]-, sodium salt
83232-32-0	2-Naphthalenesulfonic acid, 4-hydroxy-7-[[[[5-hydroxy-6-[(2-methylphenyl)azo]-7-sulfo-2-naphthalenyl]amino]carbonyl]amino]-3-[(2-methyl-4-sulfophenyl)azo]-, sodium salt
83249-60-9	1-Naphthalenesulfonic acid, 2-[(2-hydroxy-6-sulfo-1-naphthalenyl)azo]-, calcium salt (1:1)
83399-85-3	1,4-Benzenedisulfonic acid, 2-[[4-[[4-[[(2,3-dichloro-6-quinoxalinyl)carbonyl]amino]-5-sulfo-1-naphthalenyl]azo]-7-sulfo-1-naphthalenyl]azo]-, lithium sodium salt
83400-10-6	1,5-Naphthalenedisulfonic acid, 2-[[8-[[(2,3-dichloro-6-quinoxalinyl)carbonyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]azo]-, lithium sodium salt
83400-11-7	1,7-Naphthalenedisulfonic acid, 4-(benzoylamino)-6-[[5-[[(5-chloro-2,6-difluoro-4-pyrimidinyl)amino]methyl]-1-sulfo-2-naphthalenyl]azo]-5-hydroxy-, lithium sodium salt
83783-94-2	2,7-Naphthalenedisulfonic acid, 3,3'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)azo]]bis[5-amino-4-hydroxy-, lithium sodium salt, compd. with 2,2'-(methylimino)bis[ethanol]
83783-95-3	2-Naphthalenesulfonic acid, 3,3'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)azo]]bis[6-amino-4-hydroxy-, lithium sodium salt, compd. with 2,2'-(methylimino)bis[ethanol]
83783-96-4	2,7-Naphthalenedisulfonic acid, 5-amino-3-[[4-[2-[4-[(7-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-2-sulfophenyl]ethenyl]-3-sulfophenyl]azo]-4-hydroxy-, lithium sodium salt, compd. with 2,2'-(methylimino)bis[ethanol]
83783-99-7	Benzoic acid, 3,3'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)azo]]bis[6-hydroxy-5-methyl-, lithium sodium salt, compd. with 2,2'-(methylimino)bis[ethanol]
83969-13-5	1,3,4-Thiadiazolium, 5-[bis(1-methylethyl)amino]-2-[[4-(dimethylamino)phenyl]azo]-3-methyl-, sulfate (2:1)
84559-92-2	2,7-Naphthalenedisulfonic acid, 3,3'-[azoxybis[(2-methoxy-4,1-phenylene)azo]]bis[4,5-dihydroxy-, tetralithium salt

CAS RN	DSL Name
84878-16-0	2,7-Naphthalenedisulfonic acid, 4-amino-6-[[4-[[4-[(2,4-dihydroxyphenyl)azo]phenyl]thio]phenyl]azo]-5-hydroxy-3-[(4-nitrophenyl)azo]-, sodium salt
84878-17-1	2,7-Naphthalenedisulfonic acid, 4-amino-6-[[4-[[[4-[(2,4-dihydroxyphenyl)azo]phenyl]amino]sulfonyl]phenyl]azo]-5-hydroxy-3-[(4-nitrophenyl)azo]-, potassium salt
84962-50-5	Benzenesulfonic acid, 2,5-dichloro-4-[[2-(dibutylamino)-4-methyl-6-[[2-(4-sulfophenyl)ethyl]amino]-5-pyrimidinyl]azo]-, sodium salt
85029-57-8	Amines, C10-14-branched and linear alkyl, bis[2,4-dihydro-4-[(2-hydroxy-4-nitrophenyl)azo]-5-methyl-2-phenyl-3H-pyrazol-3-onato(2-)]chromate(1-)
85030-31-5	2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[[4-[[4-[(2-hydroxy-6-sulfo-1-naphthalenyl)azo]-2-methylphenyl]methyl]-3-methylphenyl]azo]-, sodium salt
85114-37-0	1H-1,2,4-Triazolium, 1,4-dimethyl-3(or 5)-[[4-[methyl(phenylmethyl)amino]phenyl]azo]-, (T-4)-tetrachlorozincate(2-) (2:1)
85136-25-0	2,7-Naphthalenedisulfonic acid, 3,3'-[azoxybis[(2-methoxy-4,1-phenylene)azo]]bis[4,5-dihydroxy-, lithium sodium salt
85169-18-2	Glycine, N-[4-[[2-[4-[[1-amino-8-hydroxy-7-(phenylazo)-3,6-disulfo-2-naphthalenyl]azo]phenyl]-1H-benzimidazol-5-yl]azo]-3-hydroxyphenyl]-, compd. with 2,2'-iminobis[ethanol] (1:3)
85223-35-4	Benzoic acid, 3,3'-methylenebis[6-[[2,4-dihydroxy-5-[(4-sulfophenyl)azo]phenyl]azo]-, sodium salt
85269-31-4	Benzoic acid, 3,3'-[1,2-ethenediylbis[(3-sulfo-4,1-phenylene)azo]]bis[6-hydroxy-5-methyl-, potassium salt, compd. with 2,2',2''-nitrilotris[ethanol]
85586-78-3	1,5-Naphthalenedisulfonic acid, 3-[[4-[[4-[(4-amino-6-chloro-1,3,5-triazin-2-yl)amino]-7-sulfo-1-naphthalenyl]azo]-7-sulfo-1-naphthalenyl]azo]-, potassium sodium salt
89923-60-4	Benzenesulfonic acid, 3,3'-[(2,2'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis[azo(4,5-dihydro-3-methyl-5-oxo-1H-pyrazole-4,1-diyl)]]bis[4-chloro-, disodium salt
90432-08-9	2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-, diazotized, coupled with diazotized 4-nitro-1,3-benzenediamine and resorcinol, potassium sodium salts
93783-70-1	1,3,4-Thiadiazolium, 5-[bis(1-methylethyl)amino]-2-[[4-(dimethylamino)phenyl]azo]-3-methyl-, trichlorozincate(1-)
93803-37-3	2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-3-[[4-[5-[(4-hydroxyphenyl)azo]-1H-benzimidazol-2-yl]phenyl]azo]-6-(phenylazo)-, disodium salt
93940-21-7	1-Triazene-1-carbonitrile, 3,3'-(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis-
94246-88-5	Cobalt, (2-ethylhexanoato-O)(isooctanoato-O)-
102082-94-0	2,7-Naphthalenedisulfonic acid, 4-amino-6-[[4-[[[4-[(2,4-diaminophenyl)azo]phenyl]amino]sulfonyl]phenyl]azo]-5-hydroxy-3-[(4-nitrophenyl)azo]-, lithium salt
102616-51-3	Benzoic acid, 3,3'-methylenebis[6-[[2,4-dihydroxy-5-[(4-sulfonylphenyl)azo]phenyl]azo]-, sodium salt
106028-58-4	2,7-Naphthalenedisulfonic acid, 6-amino-4-hydroxy-3-[[7-sulfo-4-[(4-sulfophenyl)azo]-1-naphtalenyl]azo]-, tetralithium salt
108624-00-6	2,7-Naphthalenedisulfonic acid, 4-amino-6-[[5-[(5-chloro-2,6-difluoro-4-pyrimidinyl)amino]-2-sulfophenyl]azo]-5-hydroxy-3-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-, lithium sodium salt
125329-01-3	Propanoic acid, 2-hydroxy-, compd. with 7-[[4,6-bis[[3-(diethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]-4-hydroxy-3-[[4-(phenylazo)phenyl]azo]-2-naphthalenesulfonic acid (1:1)
Substances Requiring Further Assessment Identified through the Ecological Approach	
51-48-9	L-Tyrosine, O-(4-hydroxy-3,5-diiodophenyl)-3,5-diiodo-
76-06-2	Methane, trichloronitro-

CAS RN	DSL Name
85-00-7	Dipyrido[1,2-a:2',1'-c]pyrazinediium, 6,7-dihydro-, dibromide
88-58-4	1,4-Benzenediol, 2,5-bis(1,1-dimethylethyl)-
90-93-7	Methanone, bis[4-(diethylamino)phenyl]-
91-50-9	Benzoic acid, 2-[[2-methyl-3-[4-(1-methylethyl)phenyl]propylidene]amino]-, methyl ester
109-72-8	Lithium, butyl-
112-52-7	Dodecane, 1-chloro-
116-31-4	Retinal
121-21-1	Cyclopropanecarboxylic acid, 2,2-dimethyl-3-(2-methyl-1-propenyl)-, 2-methyl-4-oxo-3-(2,4-pentadienyl)-2-cyclopenten-1-yl ester, [1R-[1α[S(Z)],3β]]-
140-73-8	1,6-Hexanediamine, N,N'-bis(3-phenyl-2-propenylidene)-
420-04-2	Cyanamide
527-09-3	Copper, bis(D-gluconato-O1,O2)-
556-61-6	Methane, isothiocyanato-
584-79-2	Cyclopropanecarboxylic acid, 2,2-dimethyl-3-(2-methyl-1-propenyl)-, 2-methyl-4-oxo-3-(2-propenyl)-2-cyclopenten-1-yl ester
622-20-8	Benzene, 1,1'-[1,2-ethanediylbis(thio)]bis-
632-51-9	Benzene, 1,1',1'',1'''-(1,2-ethenediylidene)tetrakis-
814-91-5	Ethanedioic acid, copper(2++) salt (1:1)
1111-67-7	Thiocyanic acid, copper(1++) salt
1312-81-8	Lanthanum oxide (La2O3)
1324-58-9	Diindolo[3,2-b:3',2'-m]triphenodioxazinetrisulfonic acid, 8,18-dichloro-5,15-diethyl-5,15-dihydro-, trisodium salt
1332-14-5	Sulfuric acid, copper(2++) salt, basic
1470-61-7	Silver, (diethylcarbamodithioato-S,S')-
1740-19-8	1-Phenanthrenecarboxylic acid, 1,2,3,4,4a,9,10,10a-octahydro-1,4a-dimethyl-7-(1-methylethyl)-, [1R-(1α,4aβ,10aα)]-
1746-23-2	Benzene, 1-(1,1-dimethylethyl)-4-ethenyl-
1796-92-5	Benzoic acid, 5-[(3-carboxy-5-methyl-4-oxo-2,5-cyclohexadien-1-ylidene)(2,6-dichlorophenyl)methyl]-2-hydroxy-3-methyl-, disodium salt
2162-73-4	Benzene, 2,4-diisocyanate-1,3,5-tris(1-methylethyl)-
2386-52-9	Methanesulfonic acid, silver(1++) salt
2611-00-9	3-Cyclohexene-1-carboxylic acid, 3-cyclohexen-1-ylmethyl ester
2921-88-2	Phosphorothioic acid, O,O-diethyl O-(3,5,6-trichloro-2-pyridinyl) ester
2944-30-1	9,10-Anthracenedione, 1,4-bis[(4-methoxyphenyl)amino]-
2966-50-9	Acetic acid, trifluoro-, silver(1++) salt
3315-16-0	Cyanic acid, silver(1++) salt
4091-99-0	Benzoic acid, 2-[3,6-bis(acetyloxy)-2,7-dichloro-9H-xanthen-9-yl]-
4630-07-3	Naphthalene, 1,2,3,5,6,7,8,8a-octahydro-1,8a-dimethyl-7-(1-methylethenyl)-, [1R-(1α,7β,8aα)]-
4759-48-2	Retinoic acid, 13-cis-
5284-79-7	Cyclohexanone, 2,6-bis[(4-azidophenyl)methylene]-4-methyl-
6291-95-8	1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris(2-methyl-2-propenyl)-
6661-40-1	Benzenesulfonic acid, 2-ethoxy-5-[[4-[[4-[(4-ethoxy-3-sulfophenyl)amino]phenyl](1-methyl-2-phenyl-1H-indol-3-yl)methylene]-2,5-cyclohexadien-1-ylidene]amino]-, monosodium salt
7158-25-0	4,9:5,8-Dimethano-1H-benz[f]indene, 3a,4,4a,5,8,8a,9,9a-octahydro-
7439-94-3	Lutetium
7717-62-6	Benzeneacetic acid, 1-phenyl-1,2-ethanediyl ester

CAS RN	DSL Name
7779-50-2	Oxacycloheptadec-7-en-2-one
7783-96-2	Silver iodide (AgI)
7784-09-0	Phosphoric acid, trisilver(1++) salt
7789-20-0	Water-d2
7789-45-9	Copper bromide (CuBr2)
7790-86-5	Cerium chloride (CeCl3)
7791-12-0	Thallium chloride (TlCl)
9022-96-2	1-Butanol, titanium(4++) salt, homopolymer
10099-58-8	Lanthanum chloride (LaCl3)
10099-59-9	Nitric acid, lanthanum(3++) salt
10102-05-3	Nitric acid, palladium(2++) salt
10108-73-3	Nitric acid, cerium(3++) salt
10402-16-1	9-Octadecenoic acid (Z)-, copper salt
12047-27-7	Titanate (TiO32-) barium (1:1)
12138-09-9	Tungsten sulfide (WS2)
12227-77-9	Xanthylium, 9-(2-carboxyphenyl)-3,6-bis(diethylamino)-, chloride, aluminum salt
12624-35-0	9,12-Octadecadienoic acid (Z,Z)-, dimer, polymer with 1,2-ethanediamine
13356-08-6	Distannoxane, hexakis(2-methyl-2-phenylpropyl)-
13444-93-4	Osmium chloride (OsCl3)
13454-72-3	Metaphosphoric acid (HPO3), cerium(3++) salt
13676-91-0	9,10-Anthracenedione, 1,8-bis(phenylthio)-
13680-35-8	Benzenamine, 4,4'-methylenebis[2,6-diethyl-
14284-93-6	Ruthenium, tris(2,4-pentanedionato-O,O')-, (OC-6-11)-
18263-25-7	Hexadecanoic acid, 2-bromo-
18820-29-6	Manganese sulfide (MnS)
19014-53-0	9,10-Anthracenedione, 1-amino-2-[4-[(hexahydro-2-oxo-1H-azepin-1-yl)methyl]phenoxy]-4-hydroxy-
21064-19-7	1,5,9-Cyclododecatriene, 1,5,9-trimethyl-
21564-17-0	Thiocyanic acid, (2-benzothiazolylthio)methyl ester
24304-00-5	Aluminum nitride (AlN)
24593-34-8	Hexanoic acid, 2-ethyl-, cerium salt
26338-45-4	Aziridine, homopolymer, hydrochloride
26338-61-4	2-Furancarboxaldehyde, polymer with phenol
27029-76-1	Formaldehyde, polymer with 3-methylphenol and 4-methylphenol
27080-90-6	Disulfide, bis(dimethylphenyl)
28173-59-3	Carbonic acid, 2-[(1-amino-9,10-dihydro-4-hydroxy-9,10-dioxo-2-anthracenyl)oxy]ethyl phenyl ester
28645-51-4	Oxacycloheptadec-10-en-2-one
28768-32-3	Oxiranemethanamine, N,N'-(methylenedi-4,1-phenylene)bis[N-(oxiranylmethyl)-
33434-24-1	Ethanaminium, N,N,N-trimethyl-2-[(2-methyl-1-oxo-2-propenyl)oxy]-, chloride, polymer with ethyl 2-propenoate and methyl 2-methyl-2-propenoate
37310-83-1	9-Octadecen-1-ol, (Z)-, phosphate
38970-76-2	Benzoic acid, 2-hydroxy-, dilithium salt
41284-31-5	1,4-Benzenedicarboxylic acid, 2-[[4-(2,2-dicyanoethenyl)-3-methylphenyl]ethylamino]ethyl methyl ester
42373-04-6	Thiazolium, 3-methyl-2-[(1-methyl-2-phenyl-1H-indol-3-yl)azo]-, chloride
43048-08-4	2-Propenoic acid, 2-methyl-, (octahydro-4,7-methano-1H-indene-5,?-diyl)bis(methylene) ester
47742-71-2	Xanthylium, 3,6-bis(diethylamino)-9-[2-(methoxycarbonyl)phenyl]-

CAS RN	DSL Name
52236-80-3	Acetic acid, [4-[(1-amino-9,10-dihydro-4-hydroxy-9,10-dioxo-2-anthracenyl)oxy]phenoxy]-, ethyl ester
52285-95-7	Ethanaminium, N,N,N-trimethyl-2-[(1-oxo-2-propenyl)oxy]-, methyl sulfate, polymer with 2-propenamide
53320-86-8	Silicic acid, lithium magnesium sodium salt
53422-16-5	Octadecanoic acid, 12-hydroxy-, methyl ester, lithium salt
54326-11-3	Aluminum, (benzoato-O,O')hydroxy(octadecanoato-O,O')-
60303-68-6	Phenol, 4-(1,1-dimethylethyl)-, polymer with sulfur chloride (S2Cl2)
61788-80-5	Resin acids and Rosin acids, iron salts
61790-11-2	Fatty acids, tall-oil, zinc salts
62638-04-4	Cyclohexanebutanoic acid, silver(1++) salt
63148-76-5	Benzoxazolium, 3-ethyl-5-phenyl-2-[2-[[3-(3-sulfopropyl)-2(3H)-benzoxazolylidene]methyl]-1-butenyl]-, hydroxide, inner salt
63568-35-4	Naphthalenedisulfonic acid, diisononyl-, compd. with 1,1'-iminobis[2-propanol] (1:2)
63951-50-8	Naphthalenesulfonic acid, sodium salt, polymer with formaldehyde and 4,4'-sulfonylbis[phenol]
66072-38-6	Oxirane, 2,2',2''-[methylidynetris(phenyleneoxymethylene)]tris-
67633-57-2	1H-Imidazolium, 1-ethyl-4,5-dihydro-1-(2-hydroxyethyl)-2-isoheptadecyl-, ethyl sulfate (salt)
67786-28-1	2-Naphthalenesulfonic acid, 6-hydroxy-, polymer with formaldehyde, 3-methylphenol and 4-methylphenol, sodium salt
67846-33-7	2-Propenoic acid, 2-methyl-, polymer with N,N'-bis(2-aminoethyl)-1,2-ethanediamine, (chloromethyl)oxirane, 4,4'-(1-methylethylidene)bis[phenol] and (Z)-N-9-octadecenyl-1,3-propanediamine
67846-45-1	1,3-Propanediamine, N-9-octadecenyl-, (Z)-, polymer with (chloromethyl)oxirane and α-hydro-ω-hydroxypoly(oxy-1,2-ethanediyl)
67891-82-1	Hydrocarbon waxes (petroleum), oxidized, compds. with ethanolamine
67924-13-4	Benzoic acid, 2-[[2-(phenylmethylene)octylidene]amino]-, methyl ester
68003-04-3	Ethanol, 2-amino-, compd. with α-(2-cyanoethyl)-ω-(4-nonylsulfophenoxy)poly(oxy-1,2-ethanediyl) (1:1)
68015-68-9	Poly(oxy-1,2-ethanediyl), α-hydro-ω-hydroxy-, ether with 1-[[2-[[2-[bis(2-hydroxyethyl)amino]ethyl](2-hydroxyethyl)amino]ethyl](2-hydroxyethyl)amino]-3-(9-octadecenyloxy)-2-propanol (4:1), (Z)-
68081-86-7	Phenol, nonyl derivs.
68083-27-2	Soybean oil, polymer with ethylenediamine, linoleic acid dimer, pentaerythritol, phthalic anhydride and tall oil
68083-40-9	Methanone, [2-hydroxy-4-[2-hydroxy-3-(octyloxy)propoxy]phenyl]phenyl-
68092-49-9	Methanone, [4-[3-(decyloxy)-2-hydroxypropoxy]-2-hydroxyphenyl]phenyl-
68123-23-9	Nonanedioic acid, polymer with 1,2-ethanediamine, 1,6-hexanediamine and (Z,Z)-9,12-octadecadienoic acid dimer
68130-98-3	Aziridine, homopolymer, ethoxylated, phosphonomethylated
68134-00-9	Decanedioic acid, polymer with 1,2-ethanediamine, 1,6-hexanediamine and (Z,Z)-9,12-octadecadienoic acid dimer
68154-98-3	Alcohols, C14-18, ethoxylated propoxylated
68155-40-8	Amines, C16-18 and C18-unsatd. alkyl, ethoxylated
68187-41-7	Phosphorodithioic acid, O,O-di-C1-14-alkyl esters
68188-92-1	Amines, tallow alkyl, propoxylated
68228-09-1	Benzoic acid, 2-[[[2,4(or 3,5)-dimethyl-3-cyclohexen-1-yl]methyl]amino]-, ethyl ester
68309-34-2	Imidazolium compounds, 1-benzyl-4,5-dihydro-1-(hydroxyethyl)-2-nortall-oil alkyl, chlorides

CAS RN	DSL Name
68310-21-4	Poly(oxy-1,2-ethanediyl), α-hydro-ω-hydroxy-, ether with α-[[(2-hydroxyethyl)[2-[[2-[(2-hydroxyethyl)octadecylamino]ethyl](2-hydroxy-2-phenylethyl)amino]ethyl]amino]methyl]benzenemethanol (2:1)
68332-89-8	Aziridine, homopolymer, propoxylated, benzyl chloride-quaternized
68333-79-9	Polyphosphoric acids, ammonium salts
68334-11-2	Fatty acids, tall oil, compds. with 2-[(2-hydroxyphenyl)methylene]hydrazinecarboximidamide
68390-20-5	Fatty acids, sunflower-oil, polymers with adipic acid, caprolactam, diethylenetriamine and triethylenetetramine
68400-14-6	Guanidine, cyano-, polymer with 1,2-ethanediamine sulfate (1:1) and formaldehyde
68409-66-5	Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, molybdatephosphate
68439-51-0	Alcohols, C12-14, ethoxylated propoxylated
68441-69-0	1,2-Ethanediamine, polymer with 1,3-diisocyanatomethylbenzene, reaction products with oleylamine
68478-55-7	Chromium, 2-ethylhexanoate heptanoate complexes
68478-78-4	9-Octadecenoic acid (Z)-, reaction products with 2-amino-2-methyl-1-propanol
68541-77-5	Decanedioic acid, polymer with 2-aminoethanol, 1,2-ethanediamine and (Z,Z)-9,12-octadecadienoic acid dimer
68551-38-2	Balsams, copaiba, sulfurized, silver salts
68584-24-7	Benzenesulfonic acid, C10-16-alkyl derivs., compds. with 2-propanamine
68603-64-5	Amines, N-(hydrogenated tallow alkyl)trimethylenedi-
68604-99-9	Fatty acids, C18-unsatd., phosphates
68606-78-0	Naphthenic acids, esters with polytriethanolamine
68609-03-0	Copper, C6-19-branched carboxylate naphthenate complexes
68610-07-1	Formaldehyde, polymers with isobutylenated phenol
68648-44-2	Pyrethrins and Pyrethroids, manufg.-residues
68649-00-3	Benzenesulfonic acid, mono-C9-17-branched alkyl derivs., compds. with 2-propanamine
68650-48-6	Fatty acids, C18-unsatd., dimers, polymers with C18-unsatd. alkyl amine dimers and ethylenediamine
68683-18-1	Neodecanoic acid, silver(1++) salt
68784-12-3	2,5-Furandione, dihydro-, mono-C15-20-alkenyl derivs.
68784-60-1	Chromic acid (H2Cr2O7), disodium salt, reaction products with [1R-[1α(R),2β,4aβ,8aα]]-α-ethenyldecahydro-2-hydroxy-α,2,5,5,8a-pentamethyl-1-naphthalenepropanol, hydrogenated
68784-83-8	Yttrium oxide sulfide (Y2O2S), europium-doped
68859-25-6	C.I. Pigment Yellow 37
68890-97-1	Aziridine, homopolymer, compd. with (chloromethyl)benzene
68918-69-4	Petrolatum (petroleum), oxidized, zinc salt
68919-17-5	Hydrocarbons, C12-20, catalytic alkylation by-products
68954-59-6	9-Octadecenoic acid (Z)-, reaction products with 2-[(2-aminoethyl)amino]ethanol, compds. with di-Et sulfate
68956-74-1	Polyphenyls, quater- and higher, partially hydrogenated
69011-71-8	Aluminum, dross
69929-35-7	Decanedioic acid, polymer with 1,2-ethanediamine, (Z,Z)-9,12-octadecadienoic acid dimer and 4,4'-(1,3-propanediyl)bis[piperidine]
69929-44-8	9,12-Octadecadienoic acid (Z,Z)-, dimer, polymer with 5-amino-1,3,3-trimethylcyclohexanemethanamine and 1,2-ethanediamine, acetate
70788-30-6	Cyclohexanepropanol, 2,2,6-trimethyl-α-propyl-

CAS RN	DSL Name
71011-24-0	Quaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, chlorides, compds. with bentonite
72207-55-7	Benzenamine, ethylenated, distn. residues
72845-42-2	Ethanol, 2-amino-, compd. with α-(2-cyanoethyl)-ω-(nonylsulfophenoxy)poly(oxy-1,2-ethanediyl) (1:1)
73138-82-6	Resin acids and Rosin acids
73246-98-7	Formic acid, chromium(3++) salt, basic
74499-34-6	Alcohols, C12-15, propoxylated
75150-29-7	1-Propanaminium, N,N,N-trimethyl-3-[(1-oxo-2-propenyl)amino]-, chloride, polymer with 2-propenamide
75701-31-4	Xanthylium, 9-(2,5-dicarboxyphenyl)-3,6-bis(diethylamino)-, hydroxide, inner salt
76822-95-2	Imides, cyclic, from C15-20 α-alkene-maleic anhydride copolymer and (Z)-N-9-octadecenyl-1,3-propanediamine
77358-01-1	2-Propenoic acid, 2-methyl-, butyl ester, polymer with methyl 2-methyl-2-propenoate and N,N',2-tris(6-isocyanatohexyl)imidodicarbonic diamide
80939-62-4	Amines, C11-14-branched alkyl, monohexyl and dihexyl phosphates
83950-19-0	Benzenamine, 4-[(2-chlorophenyl)[4-(ethylimino)-3-methyl-2,5-cyclohexadien-1-ylidene]methyl]-N-ethyl-2-methyl-, sulfate (2:1)
83968-92-7	Ethanaminium, N-[4-[(2-chlorophenyl)(1-methyl-2-phenyl-1H-indol-3-yl)methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, acetate
85005-73-8	Phenoxazin-5-ium, 3-(ethylamino)-2-methyl-7-[(2-methylphenyl)amino]-, chloride
85187-74-2	Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-(methylamino)-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, sodium salt
85736-59-0	Naphthenic acids, bismuth salts
86014-66-6	Chromium, formate sulfate sodium complexes, basic
90066-13-0	Xanthylium, 9-(2,4-dicarboxyphenyl)-3,6-bis(diethylamino)-, hydroxide, inner salt
90431-32-6	Lead, 2-ethylhexanoate isooctanoate complexes, basic
90623-14-6	Amides, from C18-24 fatty acids, N,N-dimethyl-1,3-propanediamine and hydrogenated tallow fatty acids, compds. with di-Me sulfate
93334-05-5	Fatty acids, montan-wax, sodium salts
98654-27-4	Fatty acids, dehydrated castor-oil, polymers with dehydrated castor oil, 2-(dimethylamino)ethanol, isononanoic acid, isophthalic acid, linseed oil, maleic anhydride and pentaerythritol
100085-57-2	Oils, fish, hydrogenated, reaction products with N,N-dimethyl-1,3-propanediamine, di-Me sulfate-quaternized
102082-92-8	Xanthylium, 3,6-bis(diethylamino)-9-[2-(methoxycarbonyl)phenyl]-, molybdatesilicate
102561-59-1	Hexanedioic acid, polymer with N-(2-aminoethyl)-1,3-propanediamine and N,N''-1,2-ethanediylbis[1,3-propanediamine]
103443-41-0	Xanthylium, 3,6-bis(diethylamino)-9-[2-(methoxycarbonyl)phenyl]-, molybdatetungstatephosphate
106068-87-5	Benzothiazolium, 5-chloro-2-[[5-[(5-chloro-1,3-diethyl-1,3-dihydro-2H-benzimidazol-2-ylidene)ethylidene]-3-ethyl-4-oxo-2-thiazolidinylidene]methyl]-3-ethyl-, iodide
106214-62-4	Fatty acids, soya, polymers with adipic acid, 1,6-hexanediol, 3-hydroxy-2-(hydroxymethyl)-2-methylpropanoic acid, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane, isophthalic acid and trimethylolpropane, compds. with triethylamine
106214-63-5	Fatty acids, soya, polymers with benzoic acid, 3-hydroxy-2-(hydroxymethyl)-2-methylpropanoic acid, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane, isophthalic acid, pentaerythritol and phthalic anhydride, compds. with triethylamine
106276-80-6	Benzoic acid, 2,3,4,5-tetrachloro-6-cyano-, methyl ester, reaction products with p-

CAS RN	DSL Name
	phenylenediamine and sodium methoxide
107667-02-7	Phophinodithioic acid, bis(2,4,4-trimethylpentyl)-
109037-75-4	Benzene, reaction products with chlorine and sulfur chloride (S2Cl2), hexafluoroantimonates(1-)
111031-82-4	Chromium, aqua chloro hydroxy methacrylate complexes
111905-53-4	Alcohols, C13-15-branched and linear, butoxylated ethoxylated
115340-80-2	1-Propanaminium, 3-amino-N-ethyl-N,N-dimethyl-, N-wheat-oil acyl derivs., Et sulfates
117920-00-0	Amines, C16-22-tert-alkyl, compds. with 2(3H)-benzothiazolethione (1:1)
119299-02-4	Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, hydroxides
120547-52-6	Oxirane, mono[(C12-13-alkyloxy)methyl] derivs.
121617-10-5	Rosin, polymd., polymer with maleic anhydride, phthalic anhydride, tall oil, tetrahydroabietyl alc. and trimethylolpropane
121754-48-1	Benzenediazonium, 2-methoxy-4-(phenylamino)-, salt with 3,5-dimethylbenzenemethanesulfonic acid (1:1), reaction products with 1-(methoxymethyl)-4-(4-methylphenoxy)benzene and 1,1'-oxybis[4-(methoxymethyl)benzene]
122966-99-8	Phenol, 2,4,6-tris(1-methylpropyl)-, reaction products with 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis[oxirane], ethoxylated
124578-12-7	Octadecanoic acid, 12-hydroxy-, homopolymer, reaction products with polyethylenimine
125351-98-6	Aziridine, homopolymer, reaction products with epichlorohydrin and polyethylene glycol, acetates
125352-08-1	Amines, C12-22-alkyltrimethylenedi-, ethoxylated
125378-97-4	2-Propenoic acid, butyl ester, polymer with ethenylbenzene, methyl 2-methyl-2-propenoate, oxiranylmethyl 2-methyl-2-propenoate, 1,2-propanediol mono(2-methyl-2-propenoate) and 2,2'-thiobis[ethanol]
126820-94-8	Bicyclo[3.1.1]heptanethiol, 2,6,6-trimethyl-, gold(1++) salt, reaction products with palladium isooctyl 3-mercaptopropanoate complexes, sulfur and 2,6,6-trimethylbicyclo[3.1.1]heptanethiol silver(1++) salt
126820-96-0	Bicyclo[3.1.1]heptanethiol, 2,6,6-trimethyl-, gold(1++) salt, reaction products with sulfur and 2,6,6-trimethylbicyclo[3.1.1]heptanethiol silver(1++) salt
128971-25-5	Fatty acids, polymers with isophthalic acid, linoleic acid dimer and triethylenetetramine
129783-50-2	Benzenesulfonamide, 4-amino-, polymer with (chloromethyl)oxirane, 4,4'-(1-methylethylidene)bis[2,6-dibromophenol] and 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis[oxirane]
129828-23-5	Fatty acids, tall-oil, reaction products with Bu phenylmethyl phthalate, 2-(dimethylamino)ethanol, morpholine and overbased calcium petroleum sulfonates
147170-42-1	2-Propenoic acid, telomer with 1-dodecanethiol, S-oxides, ammonium salts
154862-02-9	Rosin, polymd., polymer with maleic anhydride, phthalic anhydride, tall oil, tetrahydroabietyl alc. and trimethylolethane
Substances Requiring Further Assessment Identified through the Human Health Approach	
59-50-7	Phenol, 4-chloro-3-methyl-
79-54-9	1-Phenanthrenecarboxylic acid, 1,2,3,4,4a,4b,5,9,10,10a-decahydro-1,4a-dimethyl-7-(1-methylethyl)-, [1R-(1α,4aβ,4bα,10aα)]-
128-66-5	Dibenzo[b,def]chrysene-7,14-dione
134-09-8	Cyclohexanol, 5-methyl-2-(1-methylethyl)-, 2-aminobenzoate

CAS RN	DSL Name
150-60-7	Disulfide, bis(phenylmethyl)
557-08-4	10-Undecenoic acid, zinc salt
560-88-3	Benzoic acid, 2-hydroxy-, 1,7,7-trimethylbicyclo[2.2.1]hept-2-yl ester, endo-
592-82-5	Butane, 1-isothiocyanato-
950-33-4	Cyclododecane, 1,1-dimethoxy-
1209-61-6	5-Oxatricyclo[8.2.0.04,6]dodecane, 4,9,12,12-tetramethyl-
1328-51-4	C.I. Solvent Blue 38
1344-54-3	Titanium oxide (Ti2O3)
2390-59-2	Ethanaminium, N-[4-[bis[4-(diethylamino)phenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, chloride
3253-39-2	2-Propenoic acid, 2-methyl-, (1-methylethylidene)di-4,1-phenylene ester
3688-79-7	7H-Benz[de]anthracen-7-one, 3-methoxy-
3860-63-7	9,10-Anthracenedione, 1,5-dihydroxy-4,8-bis(methylamino)-
4105-12-8	Cyclohexanol, 3-(5,5,6-trimethylbicyclo[2.2.1]hept-2-yl)-, [1α,2α(1S,3S),4α,6α]-
4196-86-5	1,3-Propanediol, 2,2-bis[(benzoyloxy)methyl]-, dibenzoate
4572-09-2	Olean-12-en-29-oic acid, 3-hydroxy-11-oxo-, (3β,20β)-, compd. with (2,5-dioxo-4-imidazolidinyl)urea (1:1)
5089-22-5	Benzoxazole, 2,2'-(1,4-naphthalenediyl)bis-
5579-81-7	Aluminum, [(2,5-dioxo-4-imidazolidinyl)ureato]dihydroxy-
6221-92-7	Cyclododecanol, acetate
6252-76-2	Xanthylium, 9-(2-carboxyphenyl)-3-[(2-methylphenyl)amino]-6-[(2-methyl-4-sulfophenyl)amino]-, hydroxide, inner salt, monosodium salt
6408-57-7	Benzenesulfonic acid, 2,2'-[(9,10-dihydro-9,10-dioxo-1,4-anthracenediyl)diimino]bis[5-butyl-, disodium salt
12030-97-6	Titanate (TiO32-), dipotassium
12057-24-8	Lithium oxide (Li2O)
13453-87-7	Sulfurous acid, dilithium salt
13820-53-6	Palladate(2-), tetrachloro-, disodium, (SP-4-1)-
16260-27-8	Phosphorodithioic acid, zinc salt
16283-36-6	Zinc, bis(2-hydroxybenzoato-O1,O2)-, (T-4)-
16921-30-5	Platinate(2-), hexachloro-, dipotassium, (OC-6-11)-
16923-58-3	Platinate(2-), hexachloro-, disodium, (OC-6-11)-
19210-06-1	Phosphorodithioic acid, zinc salt
25035-71-6	Benzenesulfonamide, 4-methyl-, polymer with formaldehyde
25155-18-4	Benzenemethanaminium, N,N-dimethyl-N-[2-[2-[methyl-4-(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]ethyl]-, chloride
25155-81-1	Formaldehyde, polymer with methylbenzene
25428-43-7	3-Cyclohexene-1-methanol, α,4-dimethyl-α-(4-methyl-3-pentenyl)-, (R,R)-(±)-
26694-69-9	Xanthylium, 9-[2-(ethoxycarbonyl)phenyl]-3,6-bis(ethylamino)-2,7-dimethyl-, ethyl sulfate
26811-08-5	Formaldehyde, polymer with 5,5-dimethyl-2,4-imidazolidinedione
29694-85-7	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with methyloxirane
38303-23-0	Cyclododecoxazole, 4,5,6,7,8,9,10,11,12,13-decahydro-
52474-60-9	3-Cyclohexene-1-carboxaldehyde, 1-methyl-3-(4-methyl-3-pentenyl)-
52475-86-2	3-Cyclohexene-1-carboxaldehyde, 1-methyl-4-(4-methyl-3-pentenyl)-
59056-62-1	2,3b-Methano-3bH-cyclopenta[1,3]cyclopropa[1,2]benzene-4-methanol, octahydro-7,7,8,8-tetramethyl-, acetate
62563-80-8	Vetiverol, acetate
65405-84-7	Cyclohexenebutanal, α,2,2,6-tetramethyl-

CAS RN	DSL Name
67763-03-5	Silsesquioxanes, Me Ph
67801-47-2	Benzoic acid, 2-[(3,7-dimethyl-2,6-octadienylidene)amino]-, methyl ester
68082-35-9	Fatty acids, soya, epoxidized, Me esters
68201-88-7	1,6-Hexanediamine, polymer with (chloromethyl)oxirane, methyloxirane and oxirane, hydrochloride
68213-26-3	Amines, tallow alkyl, ethoxylated propoxylated
68439-72-5	Amines, C8-18 and C18-unsatd. alkyl, ethoxylated
68783-36-8	Fatty acids, C16-22, lithium salts
68845-33-0	Cyclohexane, 1-ethenyl-1-methyl-2-(1-methylethenyl)-4-(1-methylethyl)-, didehydro deriv.
68901-22-4	Cyclohexanone, 4-[(3,3-dimethylbicyclo[2.2.1]hept-2-yl)methyl]-2-methyl-
68910-26-9	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane, reaction products with diethylenetriamine and 4-methyl-2-pentanone
68917-65-7	Terpenes and Terpenoids, vetiver-oil
68990-27-2	Balsams, copaiba, sulfurized, mixed with turpentine, gold salts
70892-62-5	1-Naphthalenepropanol, α-ethenyldecahydro-2-hydroxy-α,2,5,5,8a-pentamethyl-, [1R-[1α(R),2β,4aβ,8aα]]-, oxidized
72102-40-0	1-Propanaminium, 3-amino-N-ethyl-N,N-dimethyl-, N-lanolin acyl derivs., Et sulfates
72230-85-4	Terpenes and Terpenoids, copaiba-oil, hydroxy, acetates
72391-24-3	Benzenesulfonic acid, [[(chloroacetyl)amino]methyl][4-[[4-(cyclohexylamino)-9,10-dihydro-9,10-dioxo-1-anthracenyl]amino]phenoxy]methyl-, monosodium salt
73240-13-8	Benzoic acid, 2-hydroxy-, 1-methyl-1,3-propanediyl ester
75790-74-8	1,2,3-Propanetriol, polymer with 1,3-diisocyanatomethylbenzene, hydrazine, methyloxirane and oxirane
90459-62-4	Octadecanoic acid, reaction products with diethylenetriamine, di-Me sulfate-quaternized
104037-85-6	Benzoic acid, 2-[[3-(1,3-benzodioxol-5-yl)-2-methyl-1-propenyl]amino]-, methyl ester
107898-54-4	4-Penten-2-ol, 3,3-dimethyl-5-(2,2,3-trimethyl-3-cyclopenten-1-yl)-
160611-46-1	2,5-Furandione, telomer with ethenylbenzene and (1-methylethyl) benzene, C8-rich C7-9-isoalkyl esters

Appendix C: Substances Identified as Not Meeting the Criteria Under Section 64of CEPA 1999

CAS RN	DSL Name
58-39-9	1-Piperazineethanol, 4-[3-(2-chloro-10H-phenothiazin-10yl)propyl]-
58-90-2	Phenol, 2,3,4,6-tetrachloro-
77-61-2	Phenol, 2,4-dimethyl-6-(1-methylcyclohexyl)-
88-27-7	Phenol, 4-[(dimethylamino)methyl]-2,6-bis(1,1-dimethylethyl)-
89-75-8	Benzoyl chloride, 2,4-dichloro-
89-88-3	6-Azulenol, 1,2,3,3a,4,5,6,8a-octahydro-4,8-dimethyl-2-(1-methylethylidene)-
92-66-0	1,1'-Biphenyl, 4-bromo-
92-78-4	2-Naphthalenecarboxamide, N-(4-chlorophenyl)-3-hydroxy-
98-05-5	Arsonic acid, phenyl-
100-39-0	Benzene, (bromomethyl)-
117-97-5	Benzenethiol, pentachloro-, zinc salt
125-20-2	1(3H)-Isobenzofuranone, 3,3-bis[4-hydroxy-2-methyl-5-(1-methylethyl)phenyl]-
127-36-6	1-Phenanthrenemethanol, 1,2,3,4,4a,4b,5,6,7,9,10,10a-dodecahydro-1,4a-dimethyl-7-(1-methylethyl)-
128-85-8	9,10-Anthracenedione, 1-(methylamino)-4-[(4-methylphenyl)amino]-
132-68-3	2-Naphthalenecarboxamide, 3-hydroxy-N-1-naphthalenyl-
135-65-9	2-Naphthalenecarboxamide, 3-hydroxy-N-(3-nitrophenyl)-
137-52-0	2-Naphthalenecarboxamide, N-(5-chloro-2-methoxyphenyl)-3-hydroxy-
139-60-6	1,4-Benzenediamine, N,N'-bis(1-ethyl-3-methylpentyl)-
142-03-0	Aluminum, bis(acetato-O)hydroxy-
143-15-7	Dodecane, 1-bromo-
145-50-6	1(4H)-Naphthalenone, 4-[(4-hydroxy-1-naphthalenyl)phenylmethylene]-
146-56-5	1-Piperazineethanol, 4-[3[2-(trifluoromethyl)-10H-phenothiazin-10-yl]propyl]-, dihydrochloride
434-13-9	Cholan-24-oic acid, 3-hydroxy-, (3α,5β)-
479-33-4	2,4-Cyclopentadien-1-one, 2,3,4,5-tetraphenyl-
504-24-5	4-Pyridinamine
504-66-5	Cyanamide, cyano-
506-65-0	Gold cyanide (Au(CN))
552-38-5	Benzoic acid, 2-hydroxy-, monolithium salt
556-63-8	Formic acid, lithium salt
630-88-6	Spiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one, 3',6'-dichloro-
653-14-5	Benzoic acid, 2-hydroxy-3,5-diiodo-, monolithium salt
696-28-6	Arsonous dichloride, phenyl-
815-82-7	Butanedioic acid, 2,3-dihydroxy- [R-(R,R)]-, copper(2++) salt (1:1)
867-55-0	Propanoic acid, 2-hydroxy-, monolithium salt
871-27-2	Aluminum, diethylhydro-
961-11-5	Phosphoric acid, 2-chloro-1-(2,4,5-trichlorophenyl)ethenyl dimethyl ester
995-33-5	Pentanoic acid, 4,4-bis[(1,1-dimethylethyl)dioxy]-, butyl ester
1184-64-1	Carbonic acid, copper(2++) salt (1:1)
1252-44-4	Benzenecarboximidic acid, 4,4'-[1,5-pentanediylbis(oxy)]bis-, diethyl ester
1303-61-3	Gold sulfide (Au2S3)
1520-44-1	Benzene, 1,1'-(1-methyl-1,3-propanediyl)bis-
1579-40-4	Benzene, 1,1'-oxybis[4-methyl-
1586-92-1	Aluminum, ethoxydiethyl-
1633-22-3	Tricyclo[8.2.2.24,7]hexadeca-4,6,10,12,13,15-hexaene

CAS RN	DSL Name
1662-01-7	1,10-Phenanthroline, 4,7-diphenyl-
2044-56-6	Sulfuric acid, monododecyl ester, lithium salt
2185-87-7	Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(methylphenylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, chloride
2218-80-6	Cyclohexanebutanoic acid, copper(2++) salt
2490-60-0	Quino[2,3-b]acridine-6,7,13,14(5H,12H)-tetrone, 2,9-dichloro-
2561-85-5	2,5-Furandione, 3-dodecyldihydro-
2588-24-1	Benzoic acid, 3,3'-(3H-2,1-benzoxathiol-3-ylidene)bis[6-hydroxy-5-methyl-, S,S-dioxide
2625-17-4	5H-Dibenzo[a,d]cyclohepten-5-ol, 5-[3-(dimethylamino)-2-methylpropyl]-10,11-dihydro-
2814-60-0	2(3H)-Benzothiazolone, 3-ethyl-, (3-ethyl-2(3H)-benzothiazolylidene)hydrazone
2868-48-6	Cholan-24-oic acid, 3,6-dihydroxy-, methyl ester, (3α,5β,6α)-
2905-61-5	Benzoyl chloride, 2,5-dichloro-
2934-07-8	Phenol, 2,4,6-tris(1-methylethyl)-
3015-66-5	1,2-Benzenedicarboxylic acid, 3,4,5,6-tetrachloro-, dibutyl ester
3024-72-4	Benzoyl chloride, 3,4-dichloro-
3087-36-3	Ethanol, titanium(4++) salt
3760-14-3	1,5-Cyclooctadiene, 1,5-dimethyl-
3884-95-5	Phenol, 2-(1,1,3,3-tetramethylbutyl)-
3918-33-0	Cyclohexanone, 3-(5,5,6-trimethylbicyclo[2.2.1]hept-2-yl)-
3982-87-4	Phosphine sulfide, tris(2-methylpropyl)-
4180-12-5	Acetic acid, copper salt
4303-67-7	1H-Imidazole, 1-dodecyl-
4424-00-4	Silicic acid (H4SiO4), tetrakis(phenylmethyl) ester
4429-97-4	Cyclododecapyrimidine, 5,6,7,8,9,10,11,12,13,14-decahydro-
4702-64-1	9,10-Anthracenedione, 4,8-diamino-1,5-dihydroxy-2-(4-methoxyphenyl)-
4733-39-5	1,10-Phenanthroline, 2,9-dimethyl-4,7-diphenyl-
4991-47-3	Hexadecanoic acid, zinc salt
5128-29-0	1-Octadecanol, titanium(4++) salt
5486-84-0	Benzenediazonium, 4-(benzoylamino)-2,5-diethoxy-, (T-4)-tetrachlorozincate(2-) (2:1)
5673-36-9	1-Phenanthrenecarboxylic acid, 7-ethyl-1,2,3,4,4a,4b,5,6,7,8,10,10a-dodecahydro-1,4a,7-trimethyl-, [1R-(1α,4aβ,4bα,7α,10aα)]-
5892-47-7	Phenol, 2,4,6-tris(1-methylpropyl)-
6370-89-4	9,10-Anthracenedione, 1-amino-4,8-dihydroxy-5-(phenylamino)-
6531-45-9	Propanoic acid, lithium salt
6837-45-2	Phenazinium, 3-amino-7-(dimethylamino)-5-(2,4-dimethylphenyl)-1,4-dimethyl-, chloride
6928-67-2	1,2-Benzenedicarboxylic acid, 3,4,5,6-tetrachloro-, dipropyl ester
6994-46-3	9,10-Anthracenedione, 1,4-bis(ethylamino)-
7057-56-9	Phenoxazin-5-ium, 3,7-bis(dimethylamino)-, chloride, compd. with zinc chloride (ZnCl2)
7144-37-8	Benzenesulfonic acid, 4-methyl-, copper(2++) salt
7268-92-0	Copper, [propanedioato(2-)-O,O']-
7440-19-9	Samarium
7440-30-4	Thulium
7440-64-4	Ytterbium
7446-18-6	Sulfuric acid, dithallium(1++) salt
7459-33-8	9,12-Octadecadienoyl chloride, (Z,Z)-
7585-14-0	Aluminum, iododioctyl-
7637-03-8	Sulfuric acid, ammonium cerium(4++) salt (4:4:1)
7782-89-0	Lithium amide (Li(NH2))
7783-56-4	Stibine, trifluoro-
7784-23-8	Aluminum iodide (AlI3)
7787-47-5	Beryllium chloride (BeCl2)

CAS RN	DSL Name
7787-60-2	Bismuthine, trichloro-
7790-69-4	Nitric acid, lithium salt
9007-39-0	Resin acids and Rosin acids, copper salts
9066-49-3	Lignosulfonic acid, aluminum salt
9075-85-8	Urea, polymer with ammonium chloride ((NH4)Cl), cyanoguanidine and formaldehyde
9080-34-6	Formaldehyde, polymer with dimethylbenzene and phenol
10102-90-6	Diphosphoric acid, copper salt
10130-53-7	Benzenesulfonic acid, 2,2'-[(4,8-diamino-3,7-dibromo-9,10-dihydro-9,10-dioxo-1,5-anthracenediyl)diimino]bis[5-methyl-, disodium salt
10138-62-2	Holmium chloride (HoCl3)
10187-52-7	Phenol, 2,2'-methylenebis[4-chloro-, monosodium salt
10294-29-8	Gold chloride (AuCl)
10377-51-2	Lithium iodide (LiI)
10489-46-0	Sulfuric acid, rhodium(3++) salt (3:2)
12005-16-2	Aluminate (Al5O81-), sodium
12060-08-1	Scandium oxide (Sc2O3)
12400-75-8	Cuprate(1-), [sulfato(2-)-O]-
12439-78-0	Ytterbium oxide sulfide (Yb2O2S)
13040-17-0	Decanoic acid, zinc salt
13395-16-9	Copper, bis(2,4-pentanedionato-O,O')-, (SP-4-1)-
13426-91-0	Copper(2++), bis(1,2-ethanediamine-N,N')-
13454-94-9	Sulfuric acid, cerium(3++) salt (3:2)
13454-96-1	Platinum chloride (PtCl4), (SP-4-1)-
13590-82-4	Sulfuric acid, cerium(4++) salt (2:1)
13715-19-0	Cuprate(1-), bis(cyano-C)-, sodium
13718-26-8	Vanadate (VO31-), sodium
13721-39-6	Vanadate (VO43-), trisodium, (T-4)-
13746-56-0	Phenol, 2-methoxy-4-(1,7,7-trimethylbicyclo[2.2.1]hept-2-yl)-, exo-
13746-98-0	Nitric acid, thallium(3++) salt
13769-43-2	Vanadate (VO31-), potassium
13813-19-9	Sulfuric acid-d2
13814-87-4	Sulfuric acid, ammonium zinc salt (2:2:1)
13963-57-0	Aluminum, tris(2,4-pentanedionato-O,O')-, (OC-6-11)-
14054-87-6	Europium, tris[4,4,4-trifluoro-1-(2-thienyl)-1,3-butanedionato-O,O']-
14128-84-8	Copper, bis(1-phenyl-1,3-butanedionato-O,O')-
14217-21-1	Ferrate(3-), hexakis(cyano-C)-, trisodium, (OC-6-11)-
14239-23-7	Benzenediazonium, 2,5-dichloro-, (T-4)-tetrachlorozincate(2-) (2:1)
14239-24-8	Benzenediazonium, 4-methoxy-2-nitro-, (T-4)-tetrachlorozincate(2-) (2:1)
14264-31-4	Cuprate(2-), tris(cyano-C)-, disodium
14402-89-2	Ferrate(2-), pentakis(cyano-C)nitrosyl-, disodium, (OC-6-22)-
14481-26-6	Titanate(2-), bis[ethanedioato(2-)-O,O']oxo-, dipotassium, (SP-5-21)-
14552-19-3	Europium, tris(4,4,4-trifluoro-1-phenyl-1,3-butanedionato-O,O')-
14696-66-3	Diphosphoric acid, aluminum salt (3:4)
14840-89-2	13-Oxabicyclo[10.1.0]trideca-4,8-diene, 2,6,10-trimethyl-
15189-51-2	Aurate(1-), tetrachloro-, sodium, (SP-4-1)-
15201-05-5	Zincate(2-), tetrachloro-, (T-4)-
15307-79-6	Benzeneacetic acid, 2[(2,6-dichlorophenyl)amino]-, monosodium
15443-06-8	Copper, bis(1-phenyl-1,3-pentanedionato-O,O')-
15590-62-2	Hexanoic acid, 2-ethyl-, lithium salt
15764-04-2	2(3H)-Naphthalenone, 4,4a,5,6,7,8-hexahydro-4,4a-dimethyl-6-(1-methylethylidene)-, (4R-cis)-

CAS RN	DSL Name
15785-09-8	Cerium hydroxide (Ce(OH)3)
16009-13-5	Ferrate(2-), chloro[7,12-diethenyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoato(4-)-N21,N22,N23,N24]-, dihydrogen, (SP-5-13)-
17084-40-1	Copper, bis[2-[(cyclohexylimino)methyl]phenolato-N,O]-
17362-05-9	9,10-Anthracenedione, 1-amino-4-(cyclohexylamino)-2-[(2-hydroxyethyl)thio]-
17735-99-8	Cyclohexanol, 2-methoxy-6-(2,3,3-trimethylbicyclo[2.2.1]hept-2-yl)-
18039-18-4	Benzoic acid, 4-[2-[4-(5-methyl-2-benzoxazolyl)phenyl]ethenyl]-, methyl ester
18390-55-1	Phenol, 2,4,6-trinitro-, lithium salt
19407-37-5	1-Phenanthrenecarboxylic acid, 1,2,3,4,4a,4b,5,6,7,9,10,10a-dodecahydro-1,4a-dimethyl-7-(1-methylethyl)-, [1R-(1α,4aβ,4bα,7β,10aα)]-
19597-69-4	Lithium azide (Li(N3))
19683-09-1	2H-1-Benzopyran-2-one, 7-(4-methyl-5-phenyl-2H-1,2,3-triazol-2-yl)-3-phenyl-
19814-71-2	Benzene, 1,1'-oxybis[3-methyl-
19878-87-6	Aluminum, tris(hydroxyacetato-O1,O2)-
20241-77-4	9,10-Anthracenedione, 1-amino-4,5-dihydroxy-8-(phenylamino)-
20611-81-8	Cyanamide, disodium salt
20816-12-0	Osmium oxide (OsO4), (T-4)-
20845-92-5	Hexanoic acid, 2-ethyl-, rhodium(3++) salt
21360-80-5	Rhodium(2++), pentaamminechloro-, (OC-6-22)-, sulfate (1:1)
21405-81-2	Copper, [3-[[(2-hydroxyphenyl)methylene]amino][1,1'-biphenyl]-4-olato(2-)-N,O,O']-
21514-87-4	Benzoic acid, 2-(2,4,5,7-tetrabromo-6-hydroxy-3-oxo-3H-xanthen-9-yl)-, ethyl ester, sodium salt
21810-29-7	9(10H)-Acridinone, 4-nitro-1-(phenylthio)-
21811-74-5	Spiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one, ar-[(4,6-dichloro-1,3,5-triazin-2-yl)amino]-3',6'-dihydroxy-, monohydrochloride
22373-78-0	Monensin, monosodium salt
22405-83-0	Zinc, dichloro[2,2'-dithiobis[benzothiazole]]-, (T-4)-
23110-15-8	2,4,6,8-Decatetraenedioic acid, mono[5-methoxy-4-[2-methyl-3-(3-methyl-2-butenyl)oxiranyl]-1-oxaspiro[2.5]oct-6-yl] ester, [3R-[3α,4α(2R,3R),5β,6β(all-E)]]-
23455-89-2	Benzenesulfonic acid, 3-[[[(3-heptadecyl-1,5-dihydro-5-thioxo-4H-1,2,4-triazol-4-yl)amino]carbonyl]amino]-, monosodium salt
23501-81-7	1,3-Diazetidine-2,4-dione, 1,3-bis(6-isocyanatohexyl)-
23552-76-3	9,10-Anthracenedione, 1-hydroxy-4-[(4-methoxyphenyl)amino]-
24468-28-8	1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, zinc salt
24742-16-3	Benzoic acid, titanium(4++) salt
25014-13-5	1,2-Ethanediamine, polymer with (chloromethyl)oxirane
25086-35-5	Formaldehyde, polymer with 3,5-dimethylphenol
25191-50-8	2-Propenamide, polymer with 2-propenal
25510-41-2	29H,31H-Phthalocyanine, dilithium salt
25931-44-6	Oxirane, (chloromethyl)-, polymer with methyloxirane and oxirane
26045-14-7	Pyridinium, 2-ethenyl-1-methyl-, salt with 4-methylbenzenesulfonic acid (1:1), homopolymer
26140-67-0	1H-Pyrrole-2,5-dione, 1,1'-(methylenedi-4,1-phenylene)bis-, polymer with 4,4'-methylenebis[benzenamine]
26192-76-7	Benzoic acid, 4-[3-(4-chlorophenyl)-4,5-dihydro-1H-pyrazol-1-yl]-
26248-39-5	Benzenemethanaminium, N,N-dimethyl-N-[2-[2-[methyl-4-(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]ethyl]-, hydroxide
26403-08-7	tert-Dodecanethiol, gold(1++) salt
26470-16-6	2-Propen-1-aminium, N,N-dimethyl-N-2-propenyl-, chloride, polymer with sulfur dioxide
26635-94-9	Poly(oxy-1,2-ethanediyl), α,α'-[(hexadecylimino)di-2,1-ethanediyl]bis[ω-hydroxy-
26658-42-4	1,2-Ethanediamine, N-(2-aminoethyl)-N'-[2-[(2-aminoethyl)amino]ethyl]-, polymer with (chloromethyl)oxirane

CAS RN	DSL Name
26864-36-8	8-Oxa-3,5-dithia-4-stibatetradecanoic acid, 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-7-oxo-, 2-ethylhexyl ester
26936-72-1	Hexanedioic acid, polymer with hexahydro-2H-azepin-2-one, 1,6-hexanediamine and 4,4'-(1-methylethylidene)bis[cyclohexanamine]
27029-41-0	1,3-Propanediamine, N,N-dimethyl-, polymer with (chloromethyl)oxirane
27668-52-6	1-Octadecanaminium, N,N-dimethyl-N-[3-(trimethoxysilyl)propyl]-, chloride
27689-12-9	2-Propenoic acid, 2-methyl-, (1-methylethylidene)bis(4,1-phenyleneoxy-3,1-propanediyl) ester
27774-13-6	Vanadium, oxo[sulfato(2-)-O]-
27968-41-8	Urea, polymer with cyanoguanidine and formaldehyde
28178-42-9	Benzene, 2-isocyanato-1,3-bis(1-methylethyl)-
28213-08-3	Phosphoric acid, polymer with cyanoguanidine, formaldehyde and 1,3,5-triazine-2,4,6-triamine
28299-41-4	Benzene, 1,1'-oxybis[methyl-
28432-94-2	Urea, polymer with N,N'-bis(2-aminoethyl)-1,2-ethanediamine and formaldehyde
28551-14-6	Oxirane, (chloromethyl)-, polymer with ammonia
28749-63-5	1(3H)-Isobenzofuranone, 3-[4-hydroxy-2-methyl-5-(1-methylethyl)phenyl]-3-[2-methyl-5-(1-methylethyl)-4-(phosphonooxy)phenyl]-, sodium salt
28883-73-0	Poly(oxy-1,2-ethanediyl), α,α'[(octadecylimino)di-2,1-ethanediyl]bis[ω-hydroxy-, hydrochloride
29319-57-1	Phosphoric acid, isooctyl diphenyl ester
29353-68-2	[Terphenyl]-ar'-ol
29660-48-8	13-Oxabicyclo[10.1.0]trideca-4,8-diene, 1,4,8-trimethyl-
29726-21-4	Zinc, [4-methyl-1,2-benzenedithiolato(2-)-S,S']-
30394-92-4	Formaldehyde, polymer with tetrahydro-4H-1,3,5-oxadiazin-4-one
30607-77-3	Sulfuric acid, dimethyl ester, compd. with aziridine homopolymer
30787-41-8	9,10-Anthracenedione, 1,5-diamino-2,6-dibromo-4,8-dihydroxy-
30982-35-5	Benzeneacetic acid, 2-(6,6-dimethylbicyclo[3.1.1]hept-2-en-2-yl)ethyl ester
31114-38-2	α-D-Glucopyranoside, β-D-fructofuranosyl, polymer with formaldehyde and 1,3,5-triazine-2,4,6-triamine
31626-19-4	9,10-Anthracenedione, 1,5-diaminodibromo-4,8-dihydroxy-
31643-14-8	Benzenemethanol, α-(trichloromethyl)-, propanoate
32240-73-6	1,3-Isobenzofurandione, 5,5'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]bis-, polymer with 4,4'-oxybis[benzenamine]
32276-75-8	Octanoic acid, 2,2-dimethyl-, copper(2++) salt
33145-10-7	Phenol, 2,2'-(2-methylpropylidene)bis[4,6-dimethyl-
33454-82-9	Methanesulfonic acid, trifluoro-, lithium salt
34180-85-3	Benzoic acid, 4-[2-[4-(2-benzoxazolyl)phenyl]ethenyl]-, methyl ester
34378-36-4	Formaldehyde, polymer with N-methylmethanamine and phenol
34562-31-7	Pyridine, 3,5-diethyl-1,2-dihydro-1-phenyl-2-propyl-
34728-25-1	Guanidine, cyano-, polymer with ammonia and formaldehyde
34740-81-3	9,10-Anthracenedione, 1-amino-4-hydroxy-2-[4-(methylthio)phenoxy]-
34895-26-6	2-Butenedioic acid (Z)-, lithium salt
37295-33-3	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 5-amino-1,3,3-trimethylcyclohexanemethanamine, α-hydro-ω-hydroxypoly[oxy(methyl-1,2-ethanediyl)] and 1,1'-methylenebis[4-isocyanatocyclohexane]
38096-68-3	Poly(oxy-1,2-ethanediyl), α,α'-[(methyloctadecyliminio)di-2,1-ethanediyl]bis[ω-hydroxy-, methyl sulfate (salt)
38294-64-3	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 5-amino-1,3,3-trimethylcyclohexanemethanamine and (chloromethyl)oxirane
38598-34-4	Aluminum, bis(cyclohexanebutanoato-O)hydroxy-
38758-04-2	Ethanone, 1-[4-(4-methyl-3-pentenyl)-3-cyclohexen-1-yl]-

CAS RN	DSL Name
40530-60-7	Carbonic acid, 2-[(1-amino-9,10-dihydro-4-hydroxy-9,10-dioxo-2-anthracenyl)oxy]ethyl ethyl ester
41175-45-5	1H,5H-Cyclopenta[3,4][1]benzopyrano[6,7,8-ij]quinolizin-12(9H)-one, 2,3,6,7,10,11-hexahydro-
41941-50-8	1,3-Propanediamine, N-(3-aminopropyl)-N-methyl-, polymer with (chloromethyl)oxirane
47724-48-1	Xanthylium, 9-[2-(ethoxycarbonyl)phenyl]-3,6-(ethylimino)-2,7-dimethyl-
49763-10-2	Formaldehyde, polymer with 2-aminoethanol, (chloromethyl)oxirane and 1,3,5-triazine-2,4,6-triamine
50729-75-4	1,3,5-Triazine-2,4-diamine, 6-[2-(2-undecyl-1H-imidazol-1-yl)ethyl]-
51202-80-3	Phenol, 2,6-bis(1,1-dimethylethyl)methyl-
51732-68-4	Formaldehyde, polymer with butylphenol and phenol
51801-69-5	Benzene, 1-methyl-3-(4-methylphenoxy)-
51952-69-3	Ethane, 1,2-dichloro-, polymer with ammonia, compd. with chloromethane
52469-00-8	Formaldehyde, polymer with [1,1'-biphenyl]-4-ol and 4-(1,1-dimethylethyl)phenol
53026-85-0	Aluminum chlorohydrex
53350-83-7	1H-Benzimidazolium, 2-[7-(diethylamino)-2-oxo-2H-1-benzopyran-3-yl]-1,3-dimethyl-, trichlorozincate(1-)
53632-66-9	Aluminum, bis(2-ethoxyethanolato-O,O')(ethyl 3-oxobutanoato-O1',O3)-
53880-86-7	Thioperoxydicarbonic diamide ([(H2N)C(S)]2S2), dimethyldiphenyl-
54043-73-1	1-Cyclopentene-1-propanol, β,2-dimethyl-5-(1-methylethenyl)-, acetate
54076-97-0	Ethanaminium, N,N,N-trimethyl-2-[(1-oxo-2-propenyl)oxy]-, chloride, homopolymer
54910-07-5	Formaldehyde, polymer with 2-aminoethanol and (chloromethyl)oxirane
55066-54-1	Bicyclo[2.2.1]heptan-2-ol, 1,3,3-trimethyl-, benzoate
55154-67-1	Phenol, 2,4,5-tris(1-methylethyl)-
57055-38-6	1-Phenanthrenecarboxylic acid, chloro-1,2,3,4,4a,9,10,10a-octahydro-1,4a-dimethyl-7-(1-methylethyl)-, [1R-(1α,4aβ,10aα)]-
57138-85-9	Formaldehyde, polymer with benzenamine, hydrochloride
57629-28-4	Poly(oxy-1,2-ethanediyl), α-[2-[octadecyl(2-sulfoethyl)amino]ethyl]-ω-hydroxy-, monosodium salt
57840-38-7	Sulfonium, triphenyl-, (OC-6-11)-hexafluoroantimonate(1-)
58555-74-1	Phenol, polymer with (R)-1-methyl-4-(1-methylethenyl)cyclohexene
58569-23-6	Benzenesulfonic acid, [[4-[(4-amino-3-methylphenyl)[4-(phenylimino)-2,5-cyclohexadien-1-ylidene]methyl]phenyl]amino]-
58890-78-1	Poly(oxy-1,2-ethanediyl), α-hydro-ω-hydroxy-, ether with 2,2'-[[3-[docosyl(2-hydroxyethyl)amino]propyl]imino]bis[ethanol] (3:1)
59044-29-0	9,12,15-Octadecatrienoyl chloride, (Z,Z,Z)-
59766-35-7	Zinc oxide sulfate (Zn4O3(SO4))
59867-68-4	Ethanone, 2,2-dichloro-1-(4-phenoxyphenyl)-
60162-07-4	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, sulfate (2:1), polymer with 2-propenamide
60683-03-6	2-Propenoic acid, 3,3'-(1,2-ethenediyldi-4,1-phenylene)bis-, diethyl ester
61600-15-5	Propanedinitrile, [3-(dihexylamino)-2-propenylidene]-
61788-37-2	Hexanoic acid, 2-ethyl-, rare earth salts
61788-71-4	Naphthenic acids, nickel salts
61789-72-8	Quaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, chlorides
61791-23-9	Soybean oil, ethoxylated
61826-56-0	2H-2,4a-Methanonaphthalene-8-methanol, 1,3,4,5,6,7-hexahydro-1,1,5,5-tetramethyl-, acetate, (2S)-
61919-18-4	Benzenediazonium, 2-methoxy-5-nitro-, (T-4)-tetrachlorozincate(2-) (2:1)
62638-00-0	Cyclohexanebutanoic acid, lithium salt
62726-91-4	2,5-Cyclohexadiene-1,4-dione, 2-(3-hydroxy-3,7,11,15-tetramethylhexadecyl)-, [R-(R,R,R)]-

CAS RN	DSL Name
62796-27-4	1(3H)-Isobenzofuranone, 3-[4-hydroxy-2-methyl-5-(1-methylethyl)phenyl]-3-[2-methyl-5-(1-methylethyl)-4-(phosphonooxy)phenyl]-, disodium salt
63022-06-0	Xanthylium, 9-[2-(ethoxycarbonyl)phenyl]-3,6-bis(ethylamino)-2,7-dimethyl-, molybdatesilicate
63123-15-9	1,4-Benzenediol, bis(1,1,3,3-tetramethylbutyl)-
63217-15-2	Ethanesulfonic acid, 2-[cyclohexyl(1-oxooctadecyl)amino]-, sodium salt
63393-96-4	Quaternary ammonium compounds, tri-C8-10-alkylmethyl, chlorides
63428-94-4	Formaldehyde, polymer with 2,4-dinonylphenol, 1,2-ethanediamine and 4-nonylphenol
63494-86-0	Formaldehyde, polymer with dinonylphenol and nonylphenol
63502-54-5	2-Propenoic acid, 2-(diethylamino)ethyl ester, sulfate, polymer with 2-propenamide
63674-30-6	Naphthalene, 1,2,3,4-tetrahydro(1-phenylethyl)-
64162-11-4	2,5-Furandione, dihydro-3-(tetrapropenyl)-, polymer with aziridine
64399-38-8	2-Propenoic acid, 2-methyl-, 2-(diethylamino)ethyl ester, polymer with dodecyl 2-methyl-2-propenoate, ethenylbenzene, hexadecyl 2-methyl-2-propenoate and tetradecyl 2-methyl-2-propenoate
64601-11-2	Hexanedioic acid, monomethyl ester, lithium salt
64611-91-2	Phenoxazin-5-ium, 3-(diethylamino)-7-[(2-methylphenyl)amino]-, (T-4)-tetrachlorozincate(2-) (2:1)
64893-28-3	Benzoxazole, 2-[4-[2-[4-(3-methyl-1,2,4-oxadiazol-5-yl)phenyl]ethenyl]phenyl]-
65072-36-8	6-Benzothiazolesulfonic acid, 2-amino-, monolithium salt
65328-60-1	1,2-Benzenedicarboxylic acid, 4,4'-carbonylbis-, polymer with 4-methyl-1,3-benzenediamine and 4,4'-methylenebis[benzenamine]
65545-83-7	Guanidine, cyano-, polymer with ammonium chloride [(NH4)Cl], 1,2-ethanediamine and formaldehyde
65622-94-8	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymer with 2-hydroxyethyl 2-propenoate, methyl 2-methyl-2-propenoate, 2-methylpropyl 2-methyl-2-propenoate and 2-propenoic acid
65733-81-5	Formaldehyde, polymer with 4-(1,1-dimethylethyl)phenol, 3-methylphenol and 4-methylphenol
65733-83-7	2-Propenenitrile, polymer with 1,3-butadiene, formaldehyde and phenol
66072-30-8	2-Propenoic acid, 2-methyl-, telomer with butyl 2-propenoate, tert-dodecanethiol, ethenylbenzene, 2-hydroxyethyl 2-propenoate and 2-methyl-2-[(1-oxo-2-propenyl)amino]-1-propanesulfonic acid, compd. with 1,1'-iminobis[2-propanol]
66172-65-4	Aluminum magnesium chloride hydroxide
66992-09-4	Hexanedioic acid, polymer with 2-[(2-aminoethyl)amino]ethanesulfonic acid monosodium salt, 5-amino-1,3,3-trimethylcyclohexanemethanamine, 1,6-diisocyanatohexane, 2,2-dimethyl-1,3-propanediol, 1,6-hexanediol, hydrazine and 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane
67707-04-4	Benzenamine, 4,4'-[(9-butyl-9H-carbazol-3-yl)methylene]bis[N-methyl-N-phenyl-
67827-61-6	2-Anthracenesulfonic acid, 1-amino-4-[[3,5-bis[(benzoylamino)methyl]-2,4,6-trimethylphenyl]amino]-9,10-dihydro-9,10-dioxo-, monosodium salt
67859-71-6	Phosphoric acid, rhodium(3++) salt (1:1)
67860-00-8	1H-Indole-3-heptanol, η-1H-indol-3-yl-α,α,ε-trimethyl-
67875-42-7	Sulfurous acid, monosodium salt, polymer with formaldehyde and methylphenol
67892-85-7	Imidodicarbonic diamide, N,N',2-tris(6-isocyanatohexyl)-, polymer with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol, 2,5-furandione, 1,6-hexanediol, 1,3-isobenzofurandione and 4,4'-(1-methylethylidene)bis[cyclohexanol]
67905-56-0	9,10-Anthracenedione, 1-amino-4-[[4-[(dimethylamino)methyl]phenyl]amino]-, monohydrochloride
67905-96-8	Formaldehyde, polymer with N-(2-aminoethyl)-1,2-ethanediamine and 4-nonylphenol
67907-01-1	Ethanaminium, N,N,N-trimethyl-2-[(2-methyl-1-oxo-2-propenyl)oxy]-, chloride, polymer with ethyl 2-methyl-2-propenoate and methyl 2-methyl-2-propenoate

CAS RN	DSL Name
67953-78-0	Formaldehyde, polymer with 4-dodecylphenol and 1,2-ethanediamine
67990-40-3	2-Propen-1-aminium, N,N-dimethyl-N-2-propenyl-, chloride, polymer with 2-hydroxypropyl 2-propenoate and 2-propenoic acid
67990-56-1	Urea, polymer with formaldehyde and guanidine monohydrochloride
68003-30-5	Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-(2-hydroxypropoxy)-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt
68036-95-3	Oxirane, methyl-, polymer with oxirane, ether with (chloromethyl)oxirane polymer with 4,4'-(1-methylethylidene)bis[phenol]
68037-07-0	Formaldehyde, polymers with sulfonated phenol, sodium salts
68037-17-2	2-Propenamide, polymer with ethenylbenzene, reaction products with formaldehyde, dimethylamine-modified
68039-34-9	Benzoic acid, 2-[[[3-(4-hydroxy-4-methylpentyl)-3-cyclohexen-1-yl]methylene]amino]-, methyl ester
68052-67-5	Formaldehyde, polymer with 1-methyl-4-(1-methylethenyl)cyclohexene and phenol
68071-98-7	Quaternary ammonium compounds, ethyl(hydrogenated tallow alkyl)bis(hydroxyethyl), ethoxylated, Et sulfates (salts)
68072-38-8	Oxiranemethanol, polymer with nonylphenol
68110-12-3	Oxirane, tetradecyl-, homopolymer
68130-56-3	Formaldehyde, polymer with 6-phenyl-1,3,5-triazine-2,4-diamine, methylated
68130-68-7	1,3-Propanediamine, N-[3-(C12-18-alkyloxy)propyl] derivs.
68130-97-2	Aziridine, homopolymer, reaction products with 1,2-dichloroethane
68152-65-8	Rosin, maleated, polymer with palmitic acid and pentaerythritol
68154-74-5	Fatty acids, linseed-oil, polymers with bisphenol A, epichlorohydrin and rosin
68155-29-3	Amines, C15-23-sec-alkyl, compds. with 7-phenyl-5,9-bis(phenylamino)-4,10-disulfobenzo[a]phenazinium hydroxide inner salt (2:1)
68155-31-7	Amines, C15-23-sec-alkyl, compds. with 9-[(2-methoxyphenyl)amino]-7-phenyl-5-(phenylamino)-4,10-disulfobenzo[a]phenazinium hydroxide inner salt (2:1)
68155-39-5	Amines, C14-18 and C16-18-unsatd. alkyl, ethoxylated
68188-64-7	Fatty acids, tall-oil, polymers with bisphenol A, formaldehyde, glycerol, phthalic anhydride and rosin
68213-24-1	Alcohols, C12-16, ethoxylated propoxylated
68213-36-5	Fatty acids, C18-unsatd., dimers, polymers with ethylene glycol, linseed-oil fatty acids, pentaerythritol, phthalic anhydride, rosin and tall-oil fatty acids
68214-46-0	Formaldehyde, polymer with (chloromethyl)oxirane, 4,4'-(1-methylethylidene)bis[phenol], methyloxirane, methyloxirane polymer with oxirane ether with 1,2,3-propanetriol (3:1), 4-nonylphenol and oxirane
68228-02-4	Neodecanoic acid, palladium(2++) salt
68298-48-6	1,3-Benzodioxole, 2-hexyl-2-methyl-
68307-89-1	Aziridine, homopolymer, reaction products with epichlorohydrin
68309-04-6	Fatty acids, soya, polymers with allyl alc., maleic anhydride and styrene, compds. with morpholine
68309-99-9	Aluminate(1-), (2-ethyl-1-hexanolato)tris(2-propanolato)-, hydrogen, (T-4)-
68310-22-5	Cellulose, acetate butanoate, polymer with (chloromethyl)oxirane, 4,4'-(1-methylethylidene)bis[phenol], triethoxyphenylsilane and 3-(triethoxysilyl)-1-propanamine
68391-34-4	Formaldehyde, polymer with ammonia, methyloxirane, oxirane and phenol
68411-62-1	Naphthalenesulfonic acids, polymers with formaldehyde and 4,4'-sulfonylbis[phenol]
68412-21-5	Neodecanoic acid, rare earth salts
68412-22-6	Naphthalenesulfonic acid, di-C5-6-alkyl derivs., ammonium salts
68412-24-8	Naphthalene, 1,2,3,4-tetrahydro-, C1-4-alkyl derivs.
68412-56-6	Platinum, chloro octanol complexes
68413-64-9	Benzenediazonium, 2,5-bis(1-methylethoxy)-4-(4-morpholinyl)-, (T-4)-tetrachlorozincate(2-) (2:1)

CAS RN	DSL Name
68458-26-4	Tallow, hydrogenated, reaction products with polyethylene glycol
68458-61-7	Rosin, maleated, polymer with p-tert-butylphenol and formaldehyde, zinc salt
68459-99-4	1-Penten-3-one, 4-methyl-1-(2,6,6-trimethyl-2-cyclohexen-1-yl)-
68510-96-3	Guanidine, cyano-, polymer with 1,2-ethanediamine and formaldehyde, borate
68511-23-9	Formaldehyde, polymer with 2-methylphenol, 3-methylphenol and 4-methylphenol, 6-diazo-5,6-dihydro-5-oxo-1-naphthalenesulfonate
68513-39-3	Fatty acids, tall-oil, polymers with ethylenediamine, linoleic acid dimers, maleic anhydride, pentaerythritol, phthalic anhydride and soybean oil
68514-97-6	Rosin, maleated, polymer with ethylene glycol and methanol
68517-08-8	Glycine, N-(carboxymethyl)-N-[(3-ethenylphenyl)methyl]-, disodium salt, polymer with N-(carboxymethyl)-N-[(4-ethenylphenyl)methyl]glycine disodium salt, 1-(chloromethyl)-3-ethenylbenzene, 1-(chloromethyl)-4-ethenylbenzene, 1-(dichloromethyl)-3-ethenylbenzene, 1-(dichloromethyl)-4-ethenylbenzene, 1,3-diethenylbenzene, 1,4-diethenylbenzene, ethenylbenzene, 1-ethenyl-3-ethylbenzene and 1-ethenyl-4-ethylbenzene
68540-70-5	2-Naphthalenesulfonic acid, 6-hydroxy-, polymer with formaldehyde and methylphenol, sodium salt
68551-70-2	Castor oil, polymer with p-tert-butylphenol, formaldehyde and tung oil, zinc salt
68553-60-6	Naphthenic acids, vanadyl complexes
68584-75-8	2-Propenoic acid, 2-methyl-, methyl ester, polymer with oxiranylmethyl 2-methyl-2-propenoate, ammonia-modified
68585-03-5	9-Octadecenoic acid (Z)-, reaction products with Bu alc., silicic acid (H4SiO4) tetraethyl ester and triethanolamine
68585-28-4	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane, reaction products with 3,3'-[oxybis(2,1-ethanediyloxy)]bis[1-propanamine]
68585-82-0	Yttrium oxide (Y2O3), europium-doped
68603-59-8	Amines, C11-14-tert-alkyl, reaction products with maleic anhydride-tetradecene polymer
68609-12-1	1,2-Ethanediamine, N-(2-aminoethyl)-, reaction products with aniline and polyethylene-polypropylene glycol ether with sucrose
68610-10-6	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane, reaction products with (Z)-N-9-octadecenyl-1,3-propanediamine
68610-28-6	1,3-Propanediamine, N-octadecyl-, carboxymethyl derivs.
68611-24-5	Phenol, polymer with formaldehyde, magnesium oxide complex
68783-72-2	Linseed oil, epoxidized, polymer with acrylic acid
68784-03-2	Aluminum, 9-(2-carboxyphenyl)-3,6-bis(diethylamino)xanthylium benzoate complexes
68784-80-5	Terpineol, sulfurized
68834-02-6	2-Anthracenesulfonic acid, 1-amino-4-[[4-[[(4-methylphenyl)sulfonyl]oxy]phenyl]amino]-9,10-dihydro-9,10-dioxo-
68845-02-3	Benzoic acid, 2-[[(2,4-dimethyl-3-cyclohexen-1-yl)methylene]amino]-, methyl ester
68877-31-6	2-Propenoic acid, 2-methyl-, butyl ester, polymer with methyl 2-methyl-2-propenoate, 2-methylpropyl 2-methyl-2-propenoate and 2-sulfoethyl 2-methyl-2-propenoate
68892-00-2	Benzoic acid, 2-hydroxy-, polymer with 4-(1,1-dimethylethyl)phenol, formaldehyde and 4,4'-(1-methylethylidene)bis[phenol]
68907-19-7	Azulene, 1,2,3,4,5,6,7,8-octahydro-1,4-dimethyl-7-(1-methylethyl)-, didehydro deriv.
68910-44-1	Sulfite liquors and Cooking liquors, spent, alkali-sulfur dioxide-treated, zinc salts
68916-30-3	Balsams, Douglas-fir, sulfurized, rhodium salts
68916-35-8	Balsams, copaiba, sulfurized, platinum salts
68920-71-8	Alkenes, C8-30, bromo
68937-02-0	1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-C15-17-unsatd. alkyl derivs., acetates (salts)
68954-74-5	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane, 2-(1-methylethyl)-1H-imidazole-modified
68955-78-2	Balsams, copaiba, sulfurized, gold salts
68956-80-9	Resin acids and Rosin acids, bismuth salts

CAS RN	DSL Name
68957-11-9	Soybean oil, polymer with formaldehyde, glycerol, isophthalic acid and melamine
68988-23-8	Benzoic acid, 2-hydroxy-, reaction products with benzyl alc., bisphenol A-epichlorohydrin polymer and 4,4'-methylenebis[benzenamine]
68989-17-3	Sulfonic acids, C20-30-alkane, zinc salts
68989-42-4	Balsams, Canada, zirconium salts
68990-29-4	Balsams, copaiba, sulfurized, vanadium salts
68992-14-3	2-Propenoic acid, 2-methyl-, 2-(diethylamino)ethyl ester, polymer with dodecyl 2-methyl-2-propenoate, 1-ethenyl-2-pyrrolidinone and methyl 2-methyl-2-propenoate
69011-89-8	Oxirane, methyl-, polymer with oxirane, ether with 2,2'-[[3-[(2-hydroxyethyl)amino]propyl]imino]bis[ethanol] (3:1), N-tallow alkyl derivs.
69121-13-7	4,7-Methanoazulene-8-methanol, decahydro-2-(1-methylethenyl)-, acetate
69834-10-2	Cyclohexanol, 2(3 or 4)-(7,7-dimethylbicyclo[2.2.1]hept-2-yl)-
69961-73-5	Naphthalenesulfonic acid, polymer with formaldehyde and 4,4'-sulfonylbis[phenol], sodium salt
70172-00-8	3-Buten-2-ol, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-
70236-45-2	3H-Indolium, 2-[2-[4-[(2-cyanoethyl)methylamino]phenyl]ethenyl]-1,3,3-trimethyl-, trichlorozincate(1-)
70321-75-4	Balsams, Douglas-fir, sulfurized, palladium salts
70703-43-4	Formaldehyde, polymer with 1,3-benzenediamine, (chloromethyl)oxirane, 4,4'-methylenebis[benzenamine], 4,4'-(1-methylethylidene)bis[phenol], 3-oxiranyl-7-oxabicyclo[4.1.0]heptane and phenol
70750-15-1	Formaldehyde, polymer with 4,4'-(1-methylethylidene)bis[phenol], Bu ether
70750-60-6	Formaldehyde, polymer with 4-(1,1-dimethylethyl)phenol, phenol and 4-(1,1,3,3-tetramethylbutyl)phenol
70815-30-4	2-Naphthalenesulfonic acid, sodium salt, polymer with cyanoguanidine and formaldehyde
70892-22-7	9,10-Anthracenedione, 1,8-diamino-4,5-dihydroxy-, methylated
70892-67-0	Phenol, polymer with formaldehyde, sulfonated
70983-56-1	Guanidine, cyano-, polymer with N-(2-aminoethyl)-1,2-ethanediamine, hydrochloride, cupric chloride complexes
71033-04-0	2-Butenedioic acid, 2-mercapto-, polymer with 2-ethylhexyl 2-propenoate, 2-mercaptoethanol, methyl 2-methyl-2-propenoate and N,N',2-tris(6-isocyanatohexyl)imidodicarbonic diamide
71610-58-7	Ethanaminium, N,N,N-trimethyl-2-[(2-methyl-1-oxo-2-propenyl)oxy]-, salt with 4-methylbenzenesulfonic acid (1:1), polymer with dodecyl 2-methyl-2-propenoate and ethenylmethylbenzene
71965-03-2	Cyclohexanol, methyl-, titanium(4++) salt
72013-84-4	Cyclododeca[b]furan, tetradecahydro-
72152-61-5	2-Anthracenesulfonic acid, 1-amino-4-[(3,5-dibromo-2,4,6-trimethylphenyl)amino]-9,10-dihydro-9,10-dioxo-, monosodium salt
72187-18-9	Naphthalenesulfonic acid, [(9,10-dihydro-9,10-dioxo-1,4-anthracenediyl)diimino]bis[1,2,3,4-tetrahydro-, disodium salt
72187-19-0	Benzenesulfonic acid, 2(or 5)-[[1-benzoyl-2,7-dihydro-2,7-dioxo-6-[(sulfophenyl)amino]-3H-dibenz[f,ij]isoquinolin-4-yl]oxy]-5(or 2)-(1,1-dimethylpropyl)-, disodium salt
72391-23-2	Benzenesulfonic acid, 2(or 5)-[[1-amino-4-[[3-[[(chloroacetyl)amino]methyl]-2,4,6-trimethylphenyl]amino]-9,10-dihydro-9,10-dioxo-2-anthracenyl]oxy]-5(or 2)-(1,1-dimethylethyl)-, monosodium salt
72480-33-2	Silane, triethoxyphenyl-, hydrolyzed
72828-32-1	3-Cyclohexene-1-methanol, α,α,4-trimethyl-, mixed with α-pinene and β-pinene, sulfurized, reaction products with gold chloride (AuCl3)
72828-88-7	Benzenesulfonic acid, 3-[(4-amino-9,10-dihydro-9,10-dioxo-3-phenoxy-1-anthracenyl)amino]-2,4-diethyl-6-methyl-, monosodium salt
72905-89-6	Thiosulfuric acid, disodium salt, reaction products with 4-(6-methyl-2-

CAS RN	DSL Name
	benzothiazolyl)benzenamine, p-phenylenediamine, sodium sulfide (Na2(S)) and sulfur
72929-02-3	Propanoic acid, 2-methyl-, 2,2,2-trichloro-1-phenylethyl ester
72986-37-9	Resin acids and Rosin acids, tin salts
73003-40-4	5-Azulenemethanol, 1,2,3,3a,4,5,6,7(or 1,2,3,4,5,6,7,8)-octahydro-α,α,3,8-tetramethyl-
73003-46-0	2-Naphthalenesulfonic acid, 6-hydroxy-, monosodium salt, polymer with disodium sulfite, formaldehyde and methylphenol
73003-55-1	Carbonic acid, diphenyl ester, polymer with 1,6-hexanediol, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane and 4,4'-methylenebis[cyclohexanamine]
73019-02-0	Formaldehyde, polymer with benzenemethanol
73195-14-9	Bisbenzimidazo[2,1-b:1',2'-j]benzo[lmn][3,8]phenanthroline-6,9-dione, ethoxy-
73195-15-0	Bisbenzimidazo[2,1-b:2',1'-i]benzo[lmn][3,8]phenanthroline-8,17-dione, ethoxy-
73287-55-5	1H-Indene-5-carboxamide, 2-(4-bromo-3-hydroxy-2-quinolinyl)-N,N-diethyl-2,3-dihydro-1,3-dioxo-
73398-72-8	2-Propanol, compd. with 4-[(2,6-dichlorophenyl)(4-imino-3,5-dimethyl-2,5-cyclohexadien-1-ylidene)methyl]-2,6-dimethylbenzenamine phosphate
73545-11-6	8-Quinolinol, 7-(4-ethyl-1-methyloctyl)-
74253-03-5	Cyclohexene, 4-(1,5-dimethyl-1-hexenyl)-1-methyl-
74253-04-6	Cyclohexene, 1-methyl-4-(5-methyl-1-methylenehexyl)-
74253-05-7	Cyclohexene, 4-(1,5-dimethylhexylidene)-1-methyl-
75199-12-1	Benzenesulfonic acid, 4-hydroxy-, polymer with formaldehyde and 4,4'-sulfonylbis[phenol], sodium salt
75300-89-9	Fatty acids, C12-18, propoxylated
75522-97-3	Adenosine 5'-(hexahydrogen pentaphosphate), 5'→5'-ester with adenosine, trilithium salt
75701-47-2	Benzenesulfonic acid, 3,3'-(1-methylethylidene)bis[6-hydroxy-, disodium salt, polymer with formaldehyde and 4,4'-sulfonylbis[phenol]
76649-35-9	Hexanedioic acid, polymer with N-(2-aminoethyl)-1,2-ethanediamine, ammonia, (chloromethyl)oxirane, formaldehyde and formic acid
76684-66-7	Fatty acids, tall-oil, polymers with polyethylenepolyamines
77203-01-1	Cyclododecane, (1,1-dimethylethoxy)-
79704-00-0	Ferrate(4-), hexakis(cyano-C)-, (OC-6-11)-, dicopper(1++) dihydrogen, compd. with 4-[(4-aminophenyl)(4-imino-2,5-cyclohexadien-1-ylidene)methyl]-2-methylbenzenamine (1:2)
80571-52-4	Ethanone, 1-(trimethylcyclododecatrienyl)-
82640-16-2	Formaldehyde, polymers with sulfonated 1,1'-oxybis[methylbenzene] and sulfonylbis[phenol], ammonium sodium salts
83006-69-3	2-Anthracenesulfonic acid, 5,8-bis[[4-(1,1-dimethylethyl)-2-sulfophenyl]amino]-9,10-dihydro-1,4-dihydroxy-9,10-dioxo-, trisodium salt
83027-61-6	Benzenesulfonic acid, [(9,10-dihydro-9,10-dioxo-1,4-anthracenediyl)diimino]bis[ethylmethyl-, disodium salt
83027-64-9	Benzenesulfonic acid, 2,2'(or 3,3')-[(4,8-diamino-3,7-dibromo-9,10-dihydro-9,10-dioxo-1,5-anthracenediyl)diimino]bis[5(or 6)-methyl-, disodium salt
83290-91-9	9,10-Anthracenedione, dibromo-1,8-diamino-4,5-dihydroxy-
83721-46-4	Methanesulfonamide, 1-chloro-N-[4,5-dichloro-2-(2,4-dichlorophenoxy)phenyl]-, sodium salt
83930-04-5	Ethanaminium, N-[4-[(2-chlorophenyl)(1-methyl-2-phenyl-1H-indol-3-yl)methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, chloride, compd. with zinc chloride (ZnCl2)
83949-67-1	3H-Indolium, 2-[2-[4-[(2-chloroethyl)ethylamino]-2-methylphenyl]ethenyl]-1,3,3-trimethyl-, phosphate (1:1)
83968-83-6	9,10-Anthracenedione, 1-amino-4-[[4-[(dimethylamino)methyl]phenyl]amino]-, monoacetate
84012-64-6	1-Cyclopentene-1-propanol, β,β,2-trimethyl-5-(1-methylethenyl)-, propanoate
84434-64-0	Cyclohexanemethanol, 4-ethenyl-α,α,4-trimethyl-3-(1-methylethenyl)-, acetate
85392-23-0	Benzenesulfonamide, 4-[(1-amino-9,10-dihydro-4-hydroxy-9,10-dioxo-2-anthracenyl)thio]-N-(3-ethoxypropyl)-

CAS RN	DSL Name
86352-11-6	Formaldehyde, polymers with sulfonated terphenyl
86352-12-7	Formaldehyde, polymers with sulfonated terphenyl, ammonium salts
87836-98-4	Carbonic acid, diphenyl ester, polymer with 1,6-hexanediol, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane and 2-oxepanone
90170-94-8	Benzenamine, 3-methyl-, reacton products with chlorobenzene and 1-chloro-4-(trichloromethyl)benzene, monosulfo derivs.
90235-73-7	2-Propenoic acid, 2-methyl-, methyl ester, polymer with butyl 2-propenoate, 1,1-dimethylethyl 2-propenoate, 1-ethenyl-1H-imidazole, 4-hydroxybutyl 2-propenoate and 2-hydroxyethyl 2-propenoate
90367-48-9	Formaldehyde, reaction products with N,N-dimethylbenzenamine and N-ethyl-2-methylbenzenamine, oxidized, molybdatetungstatephosphates
91081-19-5	Resin acids and Rosin acids, cerium(3++) salts
91081-41-3	Resin acids and Rosin acids, titanium salts
91696-28-5	9,10-Anthracenedione, 1,5-diamino-4,8-dihydroxy-, brominated
92400-09-4	Propanamide, 3-(dodecylthio)-2-methyl-N-[2-[2-(1-methylethyl)-1-imidazolidinyl]ethyl]-
93455-61-9	Phenol, tert-Bu 1-phenylethyl 1,1,3,3-tetramethylbutyl derivs.
93918-06-0	Aluminum, (2-butanolato)bis(ethyl 3-oxobutanoato-O1',O3)-
94022-30-7	Pyridine, 2-[3-(2-chlorophenyl)propyl]-
95649-13-1	Lignosulfonic acid, calcium salt, polymer with cyanoguanidine, formaldehyde and sodium lignosulfonate
95851-08-4	Cyclohexanepropanol, 2,2,3,6-tetramethyl-α-propyl-
96278-66-9	Naphthalenesulfonic acids, polymers with formaldehyde, sulfonated terphenyl and sulfonylbis[phenol], ammonium sodium salts
96557-46-9	1H,3H-Benzo[1,2-c:4,5-c']difuran-1,3,5,7-tetrone, polymer with 1,2-benzenediamine, 1,3-benzenediamine, 1,4-benzenediamine, 4-[4-[1-[4-[(1,3-dihydro-1,3-dioxo-5-isobenzofuranyl)oxy]phenyl]-1-methylethyl]phenoxy]-1,3-isobenzofurandione, 1,3-isobenzofurandione, 4,4'-[(1-methylethylidene)bis(4,1-phenyleneoxy)]bis[1,3-isobenzofurandione] and 5,5'-[(1-methylethylidene)bis(4,1-phenyleneoxy)]bis[1,3-isobenzofurandione]
96591-19-4	Fatty acids, tall-oil, reaction products with 2-amino-2-(hydroxymethyl)-1,3-propanediol and formaldehyde, polymers with Bu methacrylate, 2-(diethylamino)ethyl methacrylate, 2-hydroxyethyl acrylate and Me methacrylate
97280-84-7	3H-Indolium, 2-[2-(2,3-dihydro-2-methyl-1H-indol-1-yl)ethenyl]-1,3,3-trimethyl-, cyano phosphate cuprate ferrate complexes
97375-18-3	Benzenesulfonic acid, 2,2'-[(9,10-dihydro-9,10-dioxo-1,4-anthracenediyl)diimino]bis[5-(1,1-dimethylethyl)-, sodium salt
99377-79-4	Phenol, polymer with formaldehyde, glycidyl ether, polymer with [(methylphenoxy)methyl]oxirane and triethylenetetramine acetates (salts)
100402-68-4	Palladium, isooctyl 3-mercaptopropanoate complexes
101545-02-2	2-Propenoic acid, 2-methyl-, ethyl ester, polymer with butyl 2-propenoate, ethenylbenzene, formaldehyde, 2-hydroxyethyl 2-methyl-2-propenoate, methyl 2-methyl-2-propenoate, methyl 2-propenoate, oxiranylmethyl 2-methyl-2-propenoate, 2-propenenitrile and 1,3,5-triazine-2,4,6-triamine, Bu alc.-terminated
102262-31-7	Xanthylium, 3,6-bis(diethylamino)-9-[2-(methoxycarbonyl)phenyl]-, cyano cuprate ferrate complexes
103694-73-1	2-Propenoic acid, polymer with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol and methyloxirane, compd. with N-ethylethanamine
103777-67-9	2-Propenoic acid, 2-(dimethylamino)ethyl ester, polymer with 2-propenamide, sulfate
104339-53-9	Formaldehyde, polymer with 1,3-diisocyanato-2-methylbenzene, 2,4-diisocyanato-1-methylbenzene, 2,2'-(methylimino)bis[ethanol], oxirane and 1,2-propanediol
104339-59-5	Butanedioic acid, methylene-, polymer with butyl 2-propenoate, N-(hydroxymethyl)-2-propenamide, 2-propenamide, 2-propenenitrile and 2-propenoic acid
104339-64-2	1,2-Ethanediamine, N,N,N',N'-tetramethyl-, polymer with (chloromethyl)oxirane,

CAS RN	DSL Name
	hydrochloride
104351-91-9	Poly(oxy-1,2-ethanediyl), α-[2-[hexadecyl(2-sulfoethyl)amino]ethyl]-ω-hydroxy-, monosodium salt
104351-96-4	Hexanedioic acid, dimethyl ester, polymer with 5-amino-1,3,3-trimethylcyclohexanemethanamine, diphenyl carbonate, 1,6-hexanediol, hydrazine, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane and 2,2'-[oxybis(2,1-ethanediyloxy)]bis[ethanol]
104376-58-1	Carbonic dichloride, polymer with 4,4'-(1-methylethylidene)bis[phenol], (1,1,3,3-tetramethylbutyl)phenyl ester
104376-67-2	Formaldehyde, polymers with branched nonylphenol, sulfonated, sodium salts
105839-25-6	Fatty acids, C18-unsatd., dimers, polymers with bisphenol A, epichlorohydrin and triethylenetetramine
106214-53-3	Amides, C14-18 and C14-18-unsatd., reaction products with formaldehyde and phenol, ethoxylated
107783-08-4	Benzeneacetonitrile, α-[(diphenylmethylene)amino]-α-phenyl-
108126-46-1	Hexanedioic acid, polymer with ammonia, 2-butene-1,4-diol, 1,6-diisocyanatohexane, 1,2-ethanediol, 3-hydroxy-2-(hydroxymethyl)-2-methylpropanoic acid, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane and 1,1'-methylenebis[4-isocyanatocyclohexane], compd. with N,N-diethylethanamine, reaction products with polyethylene-polypropylene glycol mono-Bu ether and sodium bisulfite
108126-47-2	Hexanedioic acid, polymer with 2-butene-1,4-diol, 1,6-diisocyanatohexane, 2-ethyl-2-(hydroxymethyl)-1,3-propanediol, 1,6-hexanediol, hydrazine, 1,1'-methylenebis[4-isocyanatocyclohexane] and methyloxirane, bisulfited
109066-19-5	Propanoic acid, 3-hydroxy-2-(hydroxymethyl)-2-methyl-, polymer with 1,6-diisocyanatohexane, 2-ethyl-2-(hydroxymethyl)-1,3-propanediol, 4,4'-(1-methylethylidene)bis[phenol] and methyloxirane, compd. with 2-(dimethylamino)ethanol
109159-24-2	Hexanedioic acid, polymer with 5-amino-1,3,3-trimethylcyclohexanemethanamine, 1,4-butanediol, 2,2-dimethyl-1,3-propanediol, 1,6-hexanediol, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane, 4,4'-(1-methylethylidene)bis[phenol] and methyloxirane, 2-ethyl-1-hexanol-blocked
109159-25-3	Hexanedioic acid, polymer with 5-amino-1,3,3-trimethylcyclohexanemethanamine, 1,4-butanediol, 1,6-hexanediol, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane, 4,4'-(1-methylethylidene)bis[phenol] and methyloxirane, 2-ethyl-1-hexanol-blocked
111719-83-6	1H-Indene-1,3(2H)-dione, 2-benzo[f]quinolin-3-yl-, (1,3-dimethyl-1H-imidazolium-4-yl)methyl derivs., Me sulfates
111849-98-0	Carbonic acid, diphenyl ester, polymer with 1,6-hexanediol, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane and 4,4'-methylenebis[cyclohexanamine], Me Et ketone oxime-blocked
111905-65-8	Fatty acids, C18-unsatd., dimers, polymers with acrylonitrile-1,4-butanediol reaction product, bisphenol A, epichlorohydrin and ethylenediamine
113455-51-9	2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, polymer with dichlorodimethylsilane, dichlorodiphenylsilane, methyl 2-methyl-2-propenoate, trichloromethylsilane, trichlorophenylsilane and 3-(trimethoxysilyl)propyl 2-methyl-2-propenoate
113534-62-6	9-Octadecenamide, N-[2-[(2-aminoethyl)amino]ethyl]-, (Z)-, ethoxylated
114887-02-4	Benzenediazonium, 4-[(4-sulfophenyl)azo]-, chloride, reaction products with formaldehyde-salicylic acid polymer, sodium salts
115100-56-6	Benzenediazonium, 4-[(2-methoxyphenyl)azo]-2-methyl-5-[(2-nitro-4-sulfophenyl)amino]-, chloride, reaction products with formaldehyde-salicylic acid polymer, sodium salts
117204-17-8	2H-1,2,6-Thiadiazine-3,5(4H,6H)-dione, 2,6-dicyclohexyl-4-(2-methylpropyl)-, 1,1-dioxide
117520-84-0	Formaldehyde, polymer with dimethylphenol, 3-methylphenol and 4-methylphenol
118516-12-4	1H-Imidazole, 2-undecyl-, zinc salt
120196-33-0	Formaldehyde, polymer with 1-butanol and 1,3,5-triazine-2,4,6-triamine
121028-80-6	Furan, tetrahydro-, polymer with 4,4'-diisocyanato-3,3'-dimethyl-1,1'-biphenyl and oxirane

CAS RN	DSL Name
121028-97-5	2-Propenoic acid, ethyl ester, polymer with (Z)-9-octadecen-1-amine
121372-49-4	1-Naphthalenesulfonic acid, 6-diazo-5,6-dihydro-5-oxo-, 1-(1-naphthalenylmethyl)-2-naphthalenyl ester
124058-18-0	Formaldehyde, polymer with methanol and phenol
124547-64-4	L-threo-α-D-galacto-Octopyranoside, methyl 7-chloro-6,7,8-trideoxy-3,4-O-(1-methylethylidene)-6-[[(1-methyl-4-propyl-2-pyrrolidinyl)carbonyl]amino]-1-thio-, 2-(phenylmethyl hydrogen phosphate), monohydrochloride, (2S-trans)-
124563-79-7	Fatty acids, dehydrated castor-oil, polymers with benzoic acid, 2-ethylhexyl acrylate, glycerol, hexakis(methoxymethyl)melamine, hydroxyethyl methacrylate, iso-Bu methacrylate, linseed oil, methacrylic acid, pentaerythritol, phthalic anhydride and styrene
124578-10-5	Formaldehyde, polymer with phenol and 4,4'-thiobis[phenol], sulfomethylated
124988-74-5	Propanol, [(1-methylethylidene)bis(4,1-phenyleneoxy)]bis-, polymer with hydrazine, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane, methyloxirane and 2,2'-oxybis[ethanol]
125249-25-4	2-Propenoic acid, 2-methyl-, polymer with ethenylbenzene, 2-ethylhexyl 2-propenoate, N,N,N',N'',N''-hexakis(methoxymethyl)-1,3,5-triazine-2,4,6-triamine, 2-hydroxyethyl 2-methyl-2-propenoate and 2-methylpropyl 2-methyl-2-propenoate
125328-36-1	Amines, C20-22, acetates
125328-44-1	Amines, hydrogenated rape-oil alkyl, acetates
125328-83-8	2H-1-Benzopyran-2-one, 4-methyl-7-(phosphonooxy)-, dilithium salt
125408-55-1	Castor oil, polymer with bisphenol A, p-tert-butylphenol, formaldehyde, glycerol, maleic anhydride, rosin and tung oil
125514-69-4	Aluminum magnesium hydroxide sulfate (Al5Mg10(OH)31(SO4)2)
125715-38-0	Pyridinium, 5-ethenyl-1,2-dimethyl-, chloride, polymer with 5-ethenyl-2-methylpyridine
125826-42-8	Hexanedioic acid, polymer with 1,2-ethanediol, hydrazine, 3-hydroxy-2-(hydroxymethyl)-2-methylpropanoic acid and 1,1'-methylenebis[4-isocyanatocyclohexane], compd. with N,N-diethylethanamine
126820-93-7	Bicyclo[3.1.1]heptanethiol, 2,6,6-trimethyl-, gold(1++) salt, reaction products with palladium isooctyl 3-mercaptopropanoate complexes and sulfur
126948-54-7	Benzoic acid, 2-[[2-methyl-3-(4-methylphenyl)propylidene]amino]-, methyl ester
127153-78-0	Amines, N-(C18-22 and C20-22-unsatd. alkyl)trimethylenedi-, ethoxylated
127153-80-4	[1,1'-Biphenyl]-4-ol, isobutylenated
127947-25-5	Fatty acids, soya, propoxylated
129126-85-8	Linseed oil, polymer with benzoic acid, formaldehyde, pentaerythritol, phenol, phthalic anhydride, rosin, 3a,4,7,7a-tetrahydro-1,3-isobenzofurandione and trimethylolpropane
129126-88-1	Linseed oil, polymer with benzoic acid, formaldehyde, pentaerythritol, phenol, phthalic anhydride, TDI, 3a,4,7,7a-tetrahydro-1,3-isobenzofurandione and trimethylolpropane, compds. with 2-(dimethylamino)ethanol
129156-30-5	Silane, triethyl[(2,3,3a,4-tetrahydro-1H-benz[f]inden-4-yl)oxy]-
129212-18-6	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymer with (chloromethyl)oxirane, N,N-dimethyl-1,3-propanediamine, ethenylbenzene, 2-ethyl-2-(hydroxymethyl)-1,3-propanediol, ethyl 2-propenoate, 2-hydroxyethyl 2-propenoate, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane, 4,4'-(1-methylethylidene)bis[phenol], 2-oxepanone and tetradecyl oxirane
129539-21-5	Fatty acids, tall-oil, polymers with glycerol, pentaerythritol, phthalic anhydride and trimethylolpropane, reaction products with 1,3-benzenedimethanamine, TDI and tridecanol
129756-31-6	Hexanedioic acid, polymer with 5-amino-1,3,3-trimethylcyclohexanemethanamine, 1,6-diisocyanatohexane, 2,2-dimethyl-1,3-propanediol, 1,6-hexanediol, hydrazine and 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane
129756-32-7	Ethanesulfonic acid, 2-hydroxy-, zinc salt (2:1)
129783-32-0	Ethanamine, N-ethyl-, reaction products with maleated oligomeric polybutadiene-styrene polymer, ammonium salts, compds. with diethylamine
129783-37-5	Sulfurous acid, monosodium salt, polymer with 1,4-butanediol, 2-butene-1,4-diol,

CAS RN	DSL Name
	methyloxirane and N,N',2-tris(6-isocyanatohexyl)imidodicarbonic diamide, Me Et ketone oxime-blocked
129783-39-7	Sulfurous acid, monosodium salt, polymer with 2-butene-1,4-diol, methyloxirane and N,N',2-tris(6-isocyanatohexyl)imidodicarbonic diamide, Me Et ketone oxime-blocked
129811-21-8	Rare earth metals, 2-ethylhexanoate naphthenate complexes
129828-32-6	Formaldehyde, polymer with 4-(1,1-dimethylethyl)phenol, 4-nonylphenol and phenol
129870-79-7	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane, reaction products with butylated formaldehyde-phenol polymer
129984-36-7	Propanoic acid, 3-hydroxy-2-(hydroxymethyl)-2-methyl-, polymer with hydrazine, α-hydro-ω-hydroxypoly[oxy(methyl-1,2-ethanediyl)] and 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane, compd with N,N-diethylethanamine
131731-18-5	Imidodicarbonic diamide, N,N',2-tris(6-isocyanatohexyl)-, polymer with 1,4-butanediol, 2-butene-1,4-diol and methyloxirane, bisulfited, Me Et ketone oxime-blocked
131731-20-9	Imidocarbonic diamide, N,N',2-tris(6-isocyanatohexyl)-, polymer with 2-butene-1,4-diol and methyloxirane, bisulfited, Me Et ketone oxime-blocked
132435-11-1	Formaldehyde, polymer with phenol, compd. with 2,3,4,6,7,8,9,10-octahydropyrimido[1,2-a]azepine
139349-56-7	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane, triethoxyphenylsilane and 3-(triethoxysilyl)-1-propanamine
139730-54-4	Amides, from hydrogenated tallow and tetraethylenepentamine, polymers with epichlorohydrin and polyethylene glycol
144058-38-8	Hexanedioic acid, polymer with 5-amino-1,3,3-trimethylcyclohexanemethanamine, 2-butene-1,4-diol, 1,6-diisocyanatohexane, 2,2-dimethyl-1,3-propanediol, 1,6-hexanediol, hydrazine, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane, methyloxirane and sodium hydrogen sulfite
144058-39-9	Hexanedioic acid, polymer with hydrazine, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane, [(1-methylethylidene)bis(4,1-phenyleneoxy)]bis[propanol], methyloxirane and 2,2'-oxybis[ethanol]
159317-41-6	[1,1'-Biphenyl]-2,2'-disulfonic acid, 4-[(1-hydroxy-4-sulfo-2-naphthalenyl)azo]-5,5'-dimethyl-4'-[[4-[(phenylsulfonyl)oxy]phenyl]azo]-, trisodium salt
168109-77-1	Formaldehyde, polymer with (chloromethyl)oxirane and 2-methylphenol, reaction products with bisphenol A-epichlorohydrin polymer and 1,2-cyclohexanediamine