

SAFETY DATA SHEET

PREVENTOL D 7 LT



Version 1.1 Revision Date: 02/11/2021 SDS Number: 203000008172 Date of last issue: 10/11/2020
Country / Language: US / EN

SECTION 1. IDENTIFICATION

Product name : PREVENTOL D 7 LT
Product code : 00000000057688866
EPA registration number : 39967-93

Manufacturer or supplier's details

Company : LANXESS Corporation
Product Safety & Regulatory Affairs
111 RIDC Park West Drive
15275-1112 Pittsburgh, United States of America
Responsible Department : +1800LANXESS
Emergency telephone : CHEMTREC: +1 (800) 424 9300
International: +1 (703) 527 3887
LANXESS Emergency Phone: +1 (866) 673 6350

Recommended use of the chemical and restrictions on use

Recommended use : Biocide for industrial application

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Skin corrosion : Category 1
Serious eye damage : Category 1
Skin sensitization : Category 1
Specific target organ toxicity : Category 1 (Respiratory Tract)
- single exposure (Inhalation)

GHS label elements

Hazard pictograms :

Signal Word : Danger

Hazard Statements : Causes severe skin burns and eye damage.
May cause an allergic skin reaction.

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Causes damage to organs (Respiratory Tract) if inhaled.

Precautionary Statements

Prevention:

Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.
Wash skin thoroughly after handling.
Do not eat, drink or smoke when using this product.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.
IF exposed: Call a POISON CENTER or doctor/ physician.
If skin irritation or rash occurs: Get medical advice/ attention.
Wash contaminated clothing before reuse.

Storage:

Store locked up.

Disposal:

Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components

Chemical name	CAS-No.	Concentration (% w/w)
sodium nitrate	7631-99-4	>= 1 - < 5
5-chloro-2-methyl-2H-isothiazol-3-one	26172-55-4	>= 1 - < 5
2-methyl-2H-isothiazol-3-one	2682-20-4	>= 0.1 - < 1

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.

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Consult a physician.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.

- If inhaled : If inhaled, remove to fresh air.
If unconscious, place in recovery position and seek medical advice.
If not breathing, if breathing is irregular or respiratory arrest occurs, provide artificial respiration, or oxygen by a trained professional, using a pocket type respirator.
Get medical attention if symptoms occur.
- In case of skin contact : Get medical attention immediately.
In case of contact, immediately flush skin with plenty of water for at least 30 minutes.
Remove contaminated clothing and shoes.
Wash contaminated clothing before re-use.
Chemical burns must be treated promptly by a physician.
- In case of eye contact : Get medical attention immediately.
In case of contact, flush eyes with plenty of water for at least 30 minutes. Use fingers to ensure that eyelids are separated and that the eye is being irrigated.
Remove contact lenses, if present and easy to do. Continue rinsing.
Chemical burns must be treated promptly by a physician.
- If swallowed : If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel.
Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed

- Symptoms : Skin: Reddening, burning, and possible permanent damage.
Eye: Corrosive with symptoms of reddening, tearing, swelling, burning and possible permanent damage.
Once sensitized, an allergic skin reaction may occur with reddening, swelling, and rash when subsequently exposed to very low levels.
Inhalation: Causes respiratory tract burns.
- Effects : May cause an allergic skin reaction.
Causes serious eye damage.
Causes damage to organs if inhaled.
Causes severe burns.

SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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- Unsuitable extinguishing media : None known.
- Specific hazards during fire fighting : Do not allow run-off from fire fighting to enter drains or water courses.
In a fire or if heated, a pressure increase will occur and the container may burst.
Water runoff from fire fighting may be corrosive.
Toxic and irritating gases/fumes may be given off during burning or thermal decomposition.
- Hazardous combustion products : Nitrogen oxides (NO_x)
Metal oxides
Carbon dioxide (CO₂)
Carbon monoxide
Sulfur oxides
Halogenated compounds
- Further information : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.
No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.
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SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : No action shall be taken involving any personal risk or without suitable training.
Put on appropriate personal protection equipment.
Do not touch or walk through spilled material.
Evacuate personnel to safe areas.
Keep unnecessary and unprotected personnel from entering.
- Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Stop leak if safe to do so.
Move containers from spill area.
Wash spillages into an effluent treatment plant or proceed as follows.
Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Dispose of wastes in an approved waste disposal facility.
Do not allow into the sewerage system, surface waters or groundwater or into the soil.
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Contaminated absorbent material may pose the same hazard as the spilled product.

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Do not breathe vapors/dust.
Avoid contact with skin and eyes.
Remove contaminated clothing and protective equipment before entering eating areas.
Workers should wash hands and face before eating, drinking and smoking.
Put on appropriate personal protection equipment.
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.
Use only with adequate ventilation.
- Conditions for safe storage : Store in accordance with local regulations.
Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink.
Keep container closed when not in use.
Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
Do not store in unlabeled containers.
Use appropriate container to avoid environmental contamination.
- Recommended storage temperature : 32 - 122 °F / 0 - 50 °C
- Further information on storage stability : No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

- Engineering measures** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protective equipment

- Respiratory protection : NIOSH approved, air-purifying organic vapor respirator.
Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

- Hand protection
Material : Polychloroprene - CR

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- Eye protection : Tightly fitting safety goggles
Faceshield may be necessary in operations with splash potential but cannot be used in place of chemical safety goggles.
- Skin and body protection : Impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Hygiene measures : When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.
Ensure that eyewash stations and safety showers are close to the workstation location.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state : liquid
- Color : Light, yellow, to, green
- Odor : odorless
- Odor Threshold : No data available
- pH : 2 - 4
- Melting point/range : 28 °F / -2 °C
- Boiling point/boiling range : 210 °F / 99 °C
(1,013 hPa)
- Flash point : Not combustible.
- Evaporation rate : No data available
- Self-ignition : No data available
- Burning number : No data available
- Upper explosion limit / Upper flammability limit : No data available
- Lower explosion limit / Lower flammability limit : No data available
- Vapor pressure : 17.25 mmHg (68 °F / 20 °C)

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84.75 mmHg (122 °F / 50 °C)
109.5 mmHg (131 °F / 55 °C)

Relative density : No data available

Density : 1.023 g/cm³ (68 °F / 20 °C)

Solubility(ies)
Water solubility : miscible

Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : No data available

Ignition temperature : > 932 °F / > 500 °C

Decomposition temperature : No data available

Viscosity
Viscosity, dynamic : 1.09 mPa.s

Viscosity, kinematic : No data available

Explosive properties : No data available

Oxidizing properties : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : No data available

Incompatible materials : No specific data.

Hazardous decomposition products : No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION

The most important known symptoms and effects are described in Section 2 and/or Section 4.

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Information on likely routes of exposure

Inhalation
Eye contact
Skin contact
Ingestion

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg
Method: see user defined free text

Acute inhalation toxicity : Acute toxicity estimate: 61.73 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: Calculation method

Acute dermal toxicity : LD50 (Rat): > 5,000 mg/kg
Method: see user defined free text

Components:

sodium nitrate:

Acute oral toxicity : LD50 (Rat): 3,430 mg/kg
Method: OECD Test Guideline 401

Acute dermal toxicity : LD50 (Rat, male and female): > 5,000 mg/kg
Method: OECD Test Guideline 402
GLP: yes

5-chloro-2-methyl-2H-isothiazol-3-one:

Acute oral toxicity : LD50 (Rat): 481 mg/kg

Acute inhalation toxicity : LC50 (Rat): 1.23 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 (Rat): > 1,008 mg/kg

2-methyl-2H-isothiazol-3-one:

Acute oral toxicity : LD50 (Rat, female): 183 mg/kg

Acute inhalation toxicity : LC50 (Rat): 0.53 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 (Rabbit, male): 218 mg/kg

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Skin corrosion/irritation

Causes severe burns.

Product:

Species : Rabbit
Remarks : Severe skin irritation
Causes skin burns.

Components:

sodium nitrate:

Species : Rabbit
Method : OECD Test Guideline 404
Result : No skin irritation
GLP : no
Remarks : Mild skin irritation

5-chloro-2-methyl-2H-isothiazol-3-one:

Species : Rabbit
Method : OECD Test Guideline 404
Result : Causes burns.

2-methyl-2H-isothiazol-3-one:

Result : Corrosive, category 1C - where responses occur after exposures between 1 hour and 4 hours and observations up to 14 days.

Serious eye damage/eye irritation

Causes serious eye damage.

Product:

Species : Rabbit
Remarks : Risk of serious damage to eyes.

Components:

sodium nitrate:

Species : Rabbit
Result : Irritating to eyes.
Method : OECD Test Guideline 405
GLP : yes

5-chloro-2-methyl-2H-isothiazol-3-one:

Species : Rabbit
Result : Risk of serious damage to eyes.
Method : OECD Test Guideline 405

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2-methyl-2H-isothiazol-3-one:

Remarks : Risk of serious damage to eyes.

Respiratory or skin sensitization

Skin sensitization

May cause an allergic skin reaction.

Respiratory sensitization

Not classified based on available information.

Product:

Routes of exposure : Skin contact
Species : Guinea pig
Method : see user defined free text
Result : Causes sensitization.

Components:

sodium nitrate:

Routes of exposure : Skin contact
Species : Mouse
Method : OECD Test Guideline 429
Result : Not a skin sensitizer.
GLP : yes

5-chloro-2-methyl-2H-isothiazol-3-one:

Routes of exposure : Skin contact
Species : Guinea pig
Method : OECD Test Guideline 406
Result : May cause sensitization by skin contact.
Remarks : Sensitizer

2-methyl-2H-isothiazol-3-one:

Test Type : Local lymph node assay (LLNA)
Routes of exposure : Skin contact
Species : Mouse
Method : OECD Test Guideline 429
Result : May cause sensitization by skin contact.

Germ cell mutagenicity

Not classified based on available information.

Components:

5-chloro-2-methyl-2H-isothiazol-3-one:

Genotoxicity in vitro : Test system: Bacteria
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 471

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Genotoxicity in vivo : Result: positive
: Test Type: Micronucleus test
: Species: Mouse
: Application Route: Oral
: Result: negative

2-methyl-2H-isothiazol-3-one:

Genotoxicity in vitro : Test system: Bacteria
: Method: OECD Test Guideline 471
: Result: negative

: Test system: Mammalian-Animal
: Method: OECD Test Guideline 476
: Result: negative

: Test system: Mammalian-Animal
: Method: OECD Test Guideline 473
: Result: negative

Carcinogenicity

Not classified based on available information.

IARC No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

Components:

5-chloro-2-methyl-2H-isothiazol-3-one:

Effects on fertility : Species: Rat, male and female
: Application Route: Oral
: Dose: 72 milligram per kilogram
: Method: OECD Test Guideline 415
: GLP: yes
: Remarks: No known significant effects or critical hazards.

Effects on fetal development : Species: Rat, female
: Application Route: Oral
: Dose: > 139 milligram per kilogram
: Duration of Single Treatment: 20 d
: Frequency of Treatment: 9 daily
: Result: No teratogenic potential.

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STOT-single exposure

Causes damage to organs (Respiratory Tract) if inhaled.

Product:

Routes of exposure : Inhalation
Target Organs : Respiratory Tract
Assessment : The substance or mixture is classified as specific target organ toxicant, single exposure, category 1.

STOT-repeated exposure

Not classified based on available information.

Repeated dose toxicity

Components:

5-chloro-2-methyl-2H-isothiazol-3-one:

Species : Rat, male and female
NOAEL : > 18.75 mg/kg
Application Route : Dermal
Exposure time : 90 d
Dose : > 18,75 mg/kg
Remarks : Chronic toxicity

Aspiration toxicity

Not classified based on available information.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

sodium nitrate:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203
GLP: yes

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202
GLP: no

Toxicity to fish (Chronic toxicity) : NOEC (Pimephales promelas (fathead minnow)): 157 mg/l
Exposure time: 32 d
GLP: no

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5-chloro-2-methyl-2H-isothiazol-3-one:

Toxicity to fish : LC50 (Fish): 0.19 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia): 0.84 mg/l
Exposure time: 48 h

Toxicity to fish (Chronic toxicity) : LC50 (Salmo gairdneri): 0.14 mg/l
Exposure time: 6 d

2-methyl-2H-isothiazol-3-one:

Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 150 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0.87 mg/l
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (microalgae)): 0.157 mg/l
Exposure time: 72 h

NOEC (Pseudokirchneriella subcapitata (microalgae)): 0.0104 mg/l
Exposure time: 96 h

Toxicity to microorganisms : EC50 (activated sludge): 31.7 mg/l
Exposure time: 3 h

Persistence and degradability

Components:

sodium nitrate:

Biodegradability : Result: The methods for determining the biological degradability are not applicable to inorganic substances.

2-methyl-2H-isothiazol-3-one:

Biodegradability : Result: Not readily biodegradable.

Bioaccumulative potential

Components:

2-methyl-2H-isothiazol-3-one:

Partition coefficient: n-octanol/water : log Pow: -0.32

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Mobility in soil

No data available

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

- : If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

- Waste from residues : The generation of waste should be avoided or minimized wherever possible.
This material and its container must be disposed of in a safe way.
Empty containers retain product residue; observe all precautions for product.
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Waste disposal should be in accordance with existing federal, state, provincial and/or local environmental controls.

SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR

- UN/ID No. : UN 3265
- Proper shipping name : Corrosive liquid, acidic, organic, n.o.s.
(5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE)
- Class : 8
- Packing group : II
- Labels : 8



- Packing instruction (cargo aircraft) : 855 : 30.00 L
- Packing instruction (passenger aircraft) : 851 : 1.00 L

IMDG-Code

- UN number : UN 3265

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Proper shipping name : CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
(5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE)
Class : 8
Packing group : II
Labels : 8



EmS Code : F-A, S-B
Marine pollutant : no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

49 CFR

UN/ID/NA number : UN 3265
Proper shipping name : Corrosive liquid, acidic, organic, n.o.s.
(5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE)
Class : 8
Packing group : II
Labels : 8



ERG Code : 153
Marine pollutant : no

Hazard and Handling Notes.

Corrosive., Keep separated from foodstuffs

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : Respiratory or skin sensitization
Specific target organ toxicity (single or repeated exposure)
Skin corrosion or irritation
Serious eye damage or eye irritation

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SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

sodium nitrate 7631-99-4 >= 1 - < 5 %

US State Regulations

Massachusetts Right To Know

sodium nitrate 7631-99-4 1 - 5

Pennsylvania Right To Know

water 7732-18-5 > 1
sodium nitrate 7631-99-4 1 - 5

California Prop. 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

TSCA inventory

TSCA : This product is regulated under the United States Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).

TSCA list

No substances are subject to a Significant New Use Rule.

The following substance(s) is/are subject to TSCA 12(b) export notification requirements:
5-chloro-2-methyl-2H-isothiazol-3-one 26172-55-4

FIFRA information

EPA registration number : 39967-93

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

Signal Word : DANGER

Hazard Statements : Corrosive Causes permanent, irrevocable eye damage and skin burns. Harmful if swallowed or if inhaled. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

SECTION 16. OTHER INFORMATION

Further information

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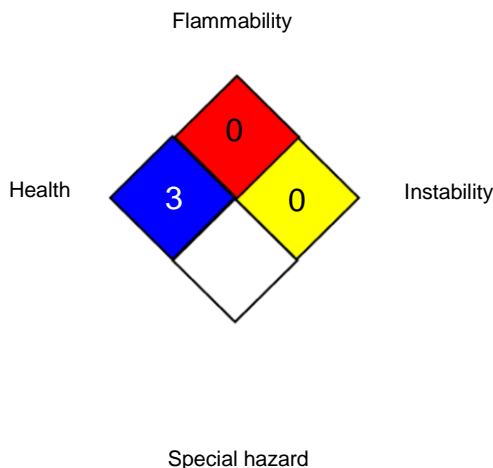
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NFPA 704:



HMIS® IV:

HEALTH	/	3
FLAMMABILITY		0
PHYSICAL HAZARD		0

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); EC_x - Concentration associated with x% response; EHS - Extremely Hazardous Substance; EL_x - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErC_x - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC₅₀ - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC₅₀ - Lethal Concentration to 50 % of a test population; LD₅₀ - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory;

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TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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