

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH) Classifications according to Regulation (EC) No 1272/2008. Printdate 01 Jun 2023

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product name:

1,2,3-Trichloropropane

1.1. Catalog No.:

678303

1.2. Relevant identified uses of the substance or mixture

Identified: Laboratory chemical uses: R&D

1.3. Uses advised against:

HPC Standards GmbH Am Wieseneck 7

04451 Cunnersdorf Deutschland

Tel. +49 34291 3372-36 Fax. +49 34291 3372-39 contact@hpc-standards.com

1.4. Emergency telephone number

HPC Standards Tel. +49 34291 3372-36 This number is only available during office hours.

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
Regulation (EC) No 1272/2008
Acute toxicity - Oral Category 3 - (H301)
Acute toxicity - Dermal Category 3 - (H311)
Acute toxicity - Inhalation (Dusts/Mists) Category 4 - (H332)
Serious eye damage/eye irritation Category 2 - (H319)
Germ cell mutagenicity Category 2 - (H341)
Carcinogenicity Category 1B - (H350)
Reproductive toxicity Category 1B - (H360F)
Specific target organ toxicity -- repeated exposure Category 1 - (H372)
Chronic aquatic toxicity Category 2 - (H411) 2.1. Classification of the substance or mixture

2.2. Label elements

2.2.1. Pictogram









2.2.2.

2.2. Label elements
Signal word Danger
Hazard statements
H301 - Toxic if swallowed
H311 - Toxic in contact with skin
H319 - Causes serious eye irritation
H332 - Harmful if inhaled
H341 - Suspected of causing genetic defects
H360 - May cause cancer
H360 - May damage fertility or the unborn child
H360F - May damage fertility or the unborn child
H360F - May damage fertility or the unborn child
H372 - Causes damage to organs through prolonged or repeated exposure
H411 - Toxic to aquatic life with long lasting effects
Precautionary Statements - EU (§28, 1272/2008)
P260 - Do not breathe dust/fume/gas/mist/vapours/spray
P273 - Avoid release to the environment
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor
P391 - Collect spillage
2.3. Other hazards
Combustible liquid.
This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.
Endocrine Disruptor Information This product does not contain any known or suspected endocrine disruptors.
Chemical name: 1,2,3-Trichloropropane
EU - REACH (1907/2006) - Article 59(1) - Candidate List of Substances of Very High Concern (SVHC) for Authorisation: EU - REACH (1907/2006) - Endocrine Disruptor Assessment List of Substances: -

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances
Chemical name: 1,2,3-Trichloropropane 96-18-4
Weight-%: 100
REACH registration number: EC No (EU Index No): (602-062-00-X) 202-486-1
Classification according to Regulation (EC) No. 1272/2008 [CLP]:
Acute Tox. 3 (H301)
Acute Tox. 4 (H332)
Eye Irrit. 2 (H319)
Muta. 2 (H341)
Carc. 18 (H360F)
STOT RE 1 (H372)
Aquatic Chronic 2 (H411)
Specific concentration limit (SCL):
M-Factor:
M-Factor (long-term):
Acute Tox. dots in son available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components.
Chemical name: 1,2,3-Trichloropropane 96-18-4
Oral LD50 mg/kg: 250
Inhalation LC50 - 4 hour - dust/mist - mg/L: No data available
Inhalation LC50 - 4 hour - vapour - mg/L: No data available
Inhalation LC50 - 4 hour - yas - ppm: No data available
Inhalation LC50 - 4 hour - gas - ppm: No data available
Inhalation LC50 - 4 hour - gas - ppm: No data available
Inhalation LC50 - 4 hour - gas - ppm: No data available
Inhalation LC50 - 4 hour - gas - ppm: No data available
Inhalation LC50 - 4 hour - gas - ppm: No data available
Inhalation LC50 - 4 hour - gas - ppm: No data available
This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH),
Article 59)
Chemical name: 1,2,3-Trichloropropane
CAS No: 96-18-4
SVHC candidates: X



3.1.1. Formula

C3H5CI3

3.1.2. Molecular Weight (g/mol)

147.43

3.1.3. CAS-No.

96-18-4

4. FIRST AID MEASURES

4.1. Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance. Immediate medical attention is required. IF exposed or concerned: Get medical advice/attention. Inhalation Remove to fresh air. If symptoms persist, call a doctor. If breathing has stopped, give

artificial respiration. Get medical attention immediately.

Eye contact Get immediate medical advice/attention. Rinse immediately with plenty of water, also under

Eye contact Get immediate medical advice/attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Do not rub affected area. Skin contact Get immediate medical advice/attention. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Ingestion Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention.

Self-protection of the first aider Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Avoid contact with skin, eyes or clothing. Avoid breathing vapours or mists. Use personal protective equipment as required. See section 8 for more information.

4.2. Most important symptoms and effects, both acute and delayed Symptoms May cause redness and tearing of the eyes. Burning sensation. Coughing and/ or wheezing. Difficulty in breathing.

Difficulty in breathing.

4.3. Indication of any immediate medical attention and special treatment needed Note to doctors Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam. Large Fire CAUTION: Use of water spray when fighting fire may be inefficient. Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.



5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the

chemical

Keep product and empty container away from heat and sources of ignition. In the event of

fire, cool tanks with water spray.

5.3. Advice for firefighters

Special protective equipment and

precautions for fire-fighters
Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures
Personal precautions Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Avoid breathing vapours or mists.

Other information Refer to protective measures listed in Sections 7 and 8.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so.

6.3. Methods and material for containment and cleaning up Methods for containment Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dyke far ahead of liquid spill for later disposal.

Methods for cleaning up Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling
Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with
skin, eyes or clothing. Ensure adequate ventilation. Take off contaminated clothing and
wash it before reuse. Do not eat, drink or smoke when using this product. Remove
contaminated clothing and shoes. Avoid breathing vapours or mists. In case of insufficient
ventilation, wear suitable respiratory equipment.
General hygiene considerations Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this
product. Wash hands before breaks and after work. Wear suitable gloves and eye/face
protection. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Regular cleaning of
equipment work area and clothing is recommended. Wash

equipment, work area and clothing is recommended. Wash

hands before breaks and immediately after handling the product. 7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Please refer to the manufacturers certificate for specific storage and transport temperature conditions. Store only in the original receptacle unless other advice is given on the CoA. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Store locked up. 7.3. Specific end use(s)

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure Limits

Chemical name: 1,2,3-Trichloropropane 96-18-4

European Union:

Austria: ·

Belgium: TWA: 0.005 ppm TWA: 0.03 mg/m3 *

Bulgaria: TWA: 60.0 mg/m3

Croatia: -Cyprus:

Cyprus. Czech Republic: Denmark: TWA: 0.1 ppm TWA: 0.6 mg/m3 H*
Estonia: TWA: 50 ppm TWA: 300 mg/m3
Finland: TWA: 3 ppm TWA: 18 mg/m3 iho*

France: -Germany: H*

Germany MAK: * Gerece: TWA: 50 ppm TWA: 300 mg/m3 STEL: 75 ppm STEL: 450 mg/m3 skin - potential for cutaneous absorption

Hungary:

Ireland: TWA: 0.005 ppm STEL: 0.015 ppm

Italy. - Italy REL: TWA: 0.005 ppm TWA: 0.03 mg/m3 * Latvia: TWA: 2 mg/m3 Lithuania: TWA: 2 mg/m3

Luxembourg: -Malta:

Netherlands: TWA: 1.08 ug/m3 Norway: WA: 10 ppm TWA: 60 mg/m3 STEL: 20 ppm STEL: 90 mg/m3 H* Poland: TWA: 7 mg/m3 *

Portugal: TWA: 10 ppm P*

Romania: -Slovakia: -Slovenia:

Spain: TWA: 10 ppm TWA: 61 mg/m3 vía dérmica*

Biological occupational exposure limits

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

Derived No Effect Level (DNEL) No information available.

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Personal protective equipment

Eye/face protection Avoid contact with eyes. Wear safety glasses with side shields (or goggles). Hand protection The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the related standard EN374. Wear protective Viton(TM) gloves. Wear suitable

gloves. Impervious gloves

Skin and body protection Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Wear suitable gloves and eye/face protection. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

Environmental exposure controls Do not allow into any sewer, on the ground or into any body of water.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties Physical state Liquid Appearance Liquid Colour colourless Odour Chlorine. Odour threshold No information available Property Values Remarks o Method Melting point / freezing point -15 °C None known Initial boiling point and boiling range155 - 256 °C None known Flammability No data available None known Flammability Limit in Air None known

Upper flammability or explosive



12.6 vol.%770 g/m³ Lower flammability or explosive limits 3.2 vol.%190 g/m³ Flash point 71 °C None known Autoignition temperature 304 °C None known Decomposition temperature None known pH No data available None known pH No data available None known pH (as aqueous solution) No data available No information available Kinematic viscosity No data available None known Dynamic viscosity No data available None known Water solubility No data available 2000 mg/L None known Solubility(ies) No data available None known Partition coefficient No data available None known Vapour pressure 2.8 hPa@20 °C None known Relative density 1.3889 None known Bulk density No data available Liquid Density No data available Relative vapour density 5.08 None known Particle characteristics Particle Size Distribution No information available 9.2. Other information Molecular weight 147.4 Molecular formula C3 H5 Cl3 9.2.1. Information with regards to physical hazard classes Not applicable 9.2.2. Other safety characteristics No information available

10. STABILITY AND REACTIVITY

10.1. Reactivity Reactivity No information available. 10.2. Chemical stability Stability Stable under normal conditions. Explosion data Sensitivity to mechanical impact None. Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions
Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid Conditions to avoid Excessive heat.

10.5. Incompatible materials
Incompatible materials None known based on information supplied. Hazardous decomposition products None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. Harmful by inhalation. (based on components). Eye contact Specific test data for the substance or mixture is not available. Causes serious eye irritation.

(based on components). May cause redness, itching, and pain.

Skin contact Specific test data for the substance or mixture is not available. May cause irritation.

Prolonged contact may cause redness and irritation. Toxic in contact with skin. (based on components).

Ingestion Specific test data for the substance or mixture is not available. Ingestion may cause



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gastrointestinal irritation, nausea, vomiting and diarrhoea. Toxic if swallowed. (based on

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms May cause redness and tearing of the eyes. Coughing and/ or wheezing.

Númerical measures of toxicity

Acute toxicity

Component Information

Chemical name: 1,2,3-Trichloropropane

Oral LD50 = 150 mg/kg (Rat)

Dermal LD50 = 250 mg/kg (Rabbit)

Inhalation LC50 > 4800 mg/m3 (Rat) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Delayed and immediate effects as well as chronic effects from short and long-term exposure
Skin corrosion/irritation May cause skin irritation.
Serious eye damage/eye irritation Classification based on data available for ingredients. Causes serious eye irritation.
Respiratory or skin sensitisation No information available.
Germ cell mutagenicity Contains a known or suspected mutagen. Classification based on data available for ingredients. Suspected of causing genetic defects.
Carcinogenicity Contains a known or suspected carcinogen. Classification based on data available for

Carcinogenicity Contains a known or suspected carcinogen. Classification based on data available for ingredients. May cause cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name: 1,2,3-Trichloropropane

European Union: Carc. 1B

Reproductive toxicity Contains a known or suspected reproductive toxin. Classification based on data available for ingredients. May damage fertility or the unborn child.

The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as reproductive toxins.

Chemical name: 1,2,3-Trichloropropane European Union: Repr. 1B

STOT - single exposure No information available. STOT - repeated exposure Causes damage to organs through prolonged or repeated exposure. Aspiration hazard No information available.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties Endocrine disrupting properties No information available.

11.2.2. Other information

Other adverse effects No information available.

12. ECOLOGICAL INFORMATION

12.1. Toxicity Ecotoxicity Toxic to aquatic life with long lasting effects. Chemical name: 1,2,3-Trichloropropane

Algae/aquatic plants: -Fish: LC50: =50.8mg/L (96h, Pimephales promelas) LC50: 25.9 - 28.9mg/L (96h, Pimephales promelas) LC50: =75mg/L (96h, Lepomis macrochirus)
Toxicity to microorganisms: Crustacea: LC50: = 0.06 mg/L (48h, Crustaceans) LC50: =20mg/L (48h, Daphnia magna) EC50: 27.8 - 41.1mg/L (48h,

Daphnia magna)

12.2. Persistence and degradability
Persistence and degradability No information available.
12.3. Bioaccumulative potential
Bioaccumulation No information available.

12.4. Mobility in soil
Mobility in soil No information available.
12.5. Results of PBT and vPvB assessment
PBT and vPvB assessment The product contains substance(s) classified as PBT or vPvB.

Chemical name: 1,2,3-Trichloropropane

PBT and vPvB assessment: The substance is not PBT / vPvB

12.6. Endocrine disrupting properties

Endocrine disrupting properties No information available. 12.7. Other adverse effects

No information available.



13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods Waste from residues/unused products

products
Dispose of in accordance with local regulations. Dispose of waste in accordance with

environmental legislation.

Contaminated packaging Do not reuse empty containers.

14. TRANSPORT INFORMATION

IATA 14.1 UN number or ID number UN2811
14.2 UN proper shipping name Toxic solid, organic, n.o.s. (1,2,3-Trichloropropane)
14.3 Transport hazard class(es) 6.1 14.4 Packing group III
Description UN2811, Toxic solid, organic, n.o.s. (1,2,3-Trichloropropane), 6.1, III
14.5 Environmental hazards Yes 14.6 Special precautions for user Special Provisions A3, A5 ERG Code 6L **IMDG** 14.1 UN number or ID number UN2811 14.2 UN proper shipping name Toxic solid, organic, n.o.s. (1,2,3-Trichloropropane) 14.3 Transport hazard class(es) 6.1 14.4 Packing group III
Description UN2811, Toxic solid, organic, n.o.s. (1,2,3-Trichloropropane), 6.1, III, Marine pollutant 14.5 Marine pollutant P Environmental hazards Yes 14.6 Special precautions for user Special Provisions 223, 274 EmS-No F-A, S-A No information available 14.7 Maritime transport in bulk according to IMO instruments No information available RID 14.1 UN number or ID number UN2811 14.2 UN proper shipping name Toxic solid, organic, n.o.s. (1,2,3-Trichloropropane) 14.3 Transport hazard class(es) 6.1 14.4 Packing group III

Description UN2811, Toxic solid, organic, n.o.s. (1,2,3-Trichloropropane), 6.1, III, Environmentally Hazardous 14.5 Environmental hazards Yes 14.6 Special precautions for user Special Provisions 274, 614 Classification code T2 **ADR** 14.1 UN number or ID number UN2811 14.2 UN proper shipping name Toxic solid, organic, n.o.s. (1,2,3-Trichloropropane) 14.3 Transport hazard class(es) 6.1 14.4 Packing group III
Description UN2811, Toxic solid, organic, n.o.s. (1,2,3-Trichloropropane), 6.1, III, (E), Environmentally Hazardous 14.5 Environmental hazards Yes 14.6 Special precautions for user Special Provisions 274, 614

Classification code T2 Tunnel restriction code (E)



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15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture National regulations

Germany

Water hazard class (WGK) strongly hazardous to water (WGK 3)

Netherlands

Chemical name: 1,2,3-Trichloropropane Netherlands - List of Carcinogens: Present Netherlands - List of Carcinogens: -

Netherlands - List of Carcinogens:
Netherlands - List of Reproductive Toxins: Fertility Category 1B

Poland SDS created according to the following Polish regulation: Act of February 25, 2011 on chemical substances and their mixtures (Journal of Laws of 2018, item 143, as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing the European Chemicals Agency (EC) as amended. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification. Inheling and packaging of substances and mixtures. (EC) No 12/2/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labeling and packaging of substances and mixtures, as amended. Regulation of the Minister of Health of 10 August 2012 on the criteria and method of classifying chemical substances and their mixtures (Journal of Laws of 2012, item 1018). Regulation of the Minister of Health of 20 April 2012 on labeling packaging of hazardous substances and mixtures and some mixtures (Journal of Laws of 2012, item 445). Regulation of the Minister of Family, Labor and Social Policy of 12 June 2018 on the maximum allowable concentrations and intensities of factors harmful to health in the work environment (Journal of Laws of 2018, item 1286) of 12 June 2018 on the maximum allowable concentrations and intensities of factors harmful to health in the work environment (Journal of Laws of 2018, item 1286). Announcement of the Minister of Economy, Labor and Social Policy of August 28, 2003 on the publication of the unified text of the Ordinance of the Minister of Labor and Social Policy on general health and safety at work regulations (Journal of Laws of 2003, No. 169, item 1650). Regulation of the Minister of Health of 30 December 2004 on occupational safety and health related to the presence of chemical agents in the workplace (Journal of Laws of 2005, No. 11, item 86). Act of December 14, 2012 on waste (Journal of Laws of 2013, item 21) Regulation of the Minister of Health of December 30, 2004 on occupational health and safety related to the presence of chemical agents in the workplace (Journal U. of 2005, No. 11, item 86). Waste Act of December 14, 2012 (Journal of Laws of 2013, item 21). Act of 13 June 2013 on the management of packaging and packaging waste, Journal of Laws 2013, item 888). management of packaging and packaging waste, Journal of Laws 2013, item 888). Government statement of September 24, 2002 - European Agreement on the International Carriage of Dangerous Goods by Road (ADR) (Journal of Laws No. 194, item 1629 and Journal of Laws of 2003, No. 207, item 2013 and 2014).

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents

at work

Authorisations and/or restrictions on use:

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex

DIRÉCTIVE (EU) 2021/1187 on the marketing and use of explosives precursors

Not applicable

Rotappicable
Chemical name: 1,2,3-Trichloropropane - 96-18-4
Restricted substance per REACH Annex XVII: 28. 30. 75.
Substance subject to authorisation per REACH Annex XIV: Persistent Organic Pollutants

Not applicable

Dangerous substance category per Seveso Directive (2012/18/EU) E2 - Hazardous to the Aquatic Environment in Category Chronic 2 Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

Not applicable
International Inventories
TSCA Complies
DSL/NDSL Contact supplier for inventory compliance status
EINECS/ELINCS Contact supplier for inventory compliance status
ENCS Contact supplier for inventory compliance status
IECSC Contact supplier for inventory compliance status

KECL Contact supplier for inventory compliance status KECL Contact supplier for inventory compliance status KECL Contact supplier for inventory compliance status PICCS Contact supplier for inventory compliance status AIIC Contact supplier for inventory compliance status

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances PICCS - Philippines Inventory of Chemicals and Chemical Substances AICS - Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

Chemical Safety Report A Chemical Safety Assessment is not required for this substance



16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. For lab use only!