acc. to Safe Work Australia - Code of Practice

Trichloroacetic acid ≥99 %, p.a.

article number: 8789 date of compilation: 2016-01-21 Version: GHS 4.0 en

Replaces version of: 2022-02-18

Version: (GHS 3)

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

Product identifier 1.1

Identification of the substance **Trichloroacetic acid** ≥99 %, p.a.

Article number 8789 CAS number 76-03-9

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Laboratory chemical

Laboratory and analytical use

Uses advised against: Do not use for squirting or spraying. Do not use

for products which come into direct contact with the skin. Do not use for private purposes (household). Food, drink and animal feedingstuffs.

1.3 Details of the supplier of the safety data sheet

Carl Roth GmbH + Co. KG Schoemperlenstr. 3-5 D-76185 Karlsruhe Germany

Telephone:+49 (0) 721 - 56 06 0 **Telefax:** +49 (0) 721 - 56 06 149 e-mail: sicherheit@carlroth.de Website: www.carlroth.de

Competent person responsible for the safety data Department Health, Safety and Environment

sheet:

e-mail (competent person):

sicherheit@carlroth.de

1.4 **Emergency telephone number**

Name	Street	Postal code/city	Telephone	Website
NSW Poisons Information Centre Childrens Hospital	Hawkesbury Road	2145 West- mead, NSW	131126	

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification acc. to GHS

Section	Hazard class	Cat- egory	Hazard class and category	Hazard statement
3.2	Skin corrosion/irritation	1A	Skin Corr. 1A	H314
3.8R	3.8R Specific target organ toxicity - single exposure (respiratory tract irritation)		STOT SE 3	H335

For full text of abbreviations: see SECTION 16

Australia (en) Page 1 / 15



Revision: 2024-03-02

acc. to Safe Work Australia - Code of Practice

Trichloroacetic acid ≥99 %, p.a.

article number: 8789



The most important adverse physicochemical, human health and environmental effects

Skin corrosion produces an irreversible damage to the skin; namely, visible necrosis through the epidermis and into the dermis.

2.2 Label elements

Labelling

Signal word Danger

Pictograms

GHS05, GHS07



Hazard statements

H314 Causes severe skin burns and eye damage

H335 May cause respiratory irritation

Precautionary statements

Precautionary statements - prevention

P260 Do not breathe dusts or mists

P280 Wear protective gloves/protective clothing/eye protection/face protection

Precautionary statements - response

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin

with water or shower

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing

Precautionary statements - storage

P403+P233 Store in a well-ventilated place. Keep container tightly closed

Precautionary statements - disposal

P501 Dispose of contents/container to industrial combustion plant

2.3 Other hazards

Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB.

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of \geq 0,1%.

Australia (en) Page 2 / 15

acc. to Safe Work Australia - Code of Practice

Trichloroacetic acid ≥99 %, p.a.

article number: 8789



SECTION 3: Composition/information on ingredients

3.1 Substances

Name of substance Trichloroacetic acid

Molecular formula $C_2HCl_3O_2$ Molar mass $163.4 \, {}^g/_{mol}$ CAS No 76-03-9

SECTION 4: First aid measures

4.1 Description of first aid measures



General notes

Take off immediately all contaminated clothing. Self-protection of the first aider.

Following inhalation

Provide fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.

Following skin contact

After contact with skin, wash immediately with plenty of water. Immediate medical treatment required because corrosive injuries that are not treated are hard to cure.

Following eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Protect uninjured eye.

Following ingestion

Rinse mouth immediately and drink plenty of water. Call a physician immediately. If swallowed danger of perforation of the esophagus and the stomach (strong corrosive effects).

4.2 Most important symptoms and effects, both acute and delayed

Corrosion, Risk of blindness, Gastric perforation, Irritation, Cough, Dyspnoea

4.3 Indication of any immediate medical attention and special treatment needed

none

SECTION 5: Firefighting measures

5.1 Extinguishing media



Suitable extinguishing media

co-ordinate firefighting measures to the fire surroundings! water, foam, alcohol resistant foam, dry extinguishing powder, ABC-powder

Unsuitable extinguishing media

water jet

Australia (en) Page 3 / 15

acc. to Safe Work Australia - Code of Practice

Trichloroacetic acid ≥99 %, p.a.

article number: 8789



5.2 Special hazards arising from the substance or mixture

Combustible. Vapours are heavier than air, spread along floors and form explosive mixtures with air.

Hazardous combustion products

In case of fire may be liberated: Carbon monoxide (CO), Carbon dioxide (CO₂), Hydrogen chloride (HCl)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus. Wear full chemical protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures



For non-emergency personnel

Use personal protective equipment as required. Avoid contact with skin, eyes and clothes. Do not breathe dust.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority. The product is an acid. Before discharge into sewage plants the product normally needs to be neutralised.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains. Take up mechanically.

Advice on how to clean up a spill

Take up mechanically. Control of dust.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Provision of sufficient ventilation. Use extractor hood (laboratory). Handle and open container with care. Avoid dust formation. Clear contaminated areas thoroughly.

Advice on general occupational hygiene

Wash hands before breaks and after work. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Store in a dry place.

Incompatible substances or mixtures

Observe hints for combined storage.

Australia (en) Page 4 / 15

acc. to Safe Work Australia - Code of Practice

Trichloroacetic acid ≥99 %, p.a.

article number: 8789

Consideration of other advice:

Specific designs for storage rooms or vessels

Recommended storage temperature: 15 - 25 °C

7.3 Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

Control parameters 8.1

National limit values

Occupational exposure limit values (Workplace Exposure Limits)

Coun	Name of agent	CAS No	Identifi- er	TWA [mg/ m³]	STEL [mg/ m³]	Ceil- ing-C [mg/ m³]	Nota- tion	Source
AU	trichloroacetic acid	76-03-9	WES	6.7				WES

Notation

Ceiling-C STEL

TWA

Ceiling value is a limit value above which exposure should not occur

Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-

minute period (unless otherwise specified)
Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

Human health values

Relevant DNELs and other threshold levels

Enapoint	level	route of exposure	Used In	Exposure time
DNEL	1.41 mg/kg	human, dermal	worker (industry)	acute - local effects
DNEL	124.3 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
DNEL	124.3 mg/m³	human, inhalatory	worker (industry)	acute - systemic effects
DNEL	1.41 mg/kg bw/ day	human, dermal	worker (industry)	chronic - systemic effects
DNEL	1.41 mg/kg bw/ day	human, dermal	worker (industry)	acute - systemic effects

Environmental values

Relevant PNECs and other threshold levels

1101010111					
End- point	Threshold level	Organism	Environmental com- partment	Exposure time	
PNEC	0.000014 ^{mg} / _{cm³}	unknown	marine sediment	intermittent release	
PNEC	0.000017 ^{mg} / _{cm³}	unknown	marine water	intermittent release	
PNEC	0.0027 ^{mg} / _{cm³}	unknown	air	intermittent release	
PNEC	0.00014 ^{mg} / _{cm³}	unknown	freshwater sediment	intermittent release	
PNEC	0.00017 ^{mg} / _{cm³}	unknown	freshwater	intermittent release	

Australia (en) Page 5 / 15



acc. to Safe Work Australia - Code of Practice

Trichloroacetic acid ≥99 %, p.a.

article number: 8789



Relevant	Relevant PNECs and other threshold levels					
End- point	Threshold level	Organism	Environmental compartment	Exposure time		
PNEC	100 ^{mg} / _{cm³}	unknown	sewage treatment plant (STP)	intermittent release		
PNEC	0.0046 ^{mg} / _{cm³}	unknown	soil	intermittent release		
PNEC	2.7 ^{µg} / _l	aquatic organisms	water	intermittent release		
PNEC	0.17 ^{µg} / _l	aquatic organisms	freshwater	short-term (single instance)		
PNEC	0.017 ^{µg} / _l	aquatic organisms	marine water	short-term (single instance)		
PNEC	100 ^{mg} / _l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)		
PNEC	0.143 ^{µg} / _{kg}	aquatic organisms	freshwater sediment	short-term (single instance)		
PNEC	0.014 ^{µg} / _{kg}	aquatic organisms	marine sediment	short-term (single instance)		
PNEC	20 ^{μg} / _{kg}	terrestrial organisms	soil	short-term (single instance)		

8.2 Exposure controls

Individual protection measures (personal protective equipment)

Eye/face protection





Use safety goggle with side protection. Wear face protection.

Skin protection





hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. The times are approximate values from measurements at 22 ° C and permanent contact. Increased temperatures due to heated substances, body heat etc. and a reduction of the effective layer thickness by stretching can lead to a considerable reduction of the breakthrough time. If in doubt, contact manufacturer. At an approx. 1.5 times larger / smaller layer thickness, the respective breakthrough time is doubled / halved. The data apply only to the pure substance. When transferred to substance mixtures, they may only be considered as a guide.

type of material

Butyl caoutchouc (butyl rubber)

material thickness

0,7mm

· breakthrough times of the glove material

>480 minutes (permeation: level 6)

Australia (en) Page 6 / 15

acc. to Safe Work Australia - Code of Practice

Trichloroacetic acid ≥99 %, p.a.

article number: 8789



other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended.

Respiratory protection





Respiratory protection necessary at: Dust formation. Particulate filter device (EN 143). Type: B (against inorganic gases and vapours, colour code: Grey).

Environmental exposure controls

Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state solid

Form crystalline
Colour colourless
Odour stinging
Melting point/freezing point 54 – 56 °C

Boiling point or initial boiling point and boiling

range

197 °C at 1,013 hPa

Flammability this material is combustible, but will not ignite

readily

Lower and upper explosion limit not determined

Flash point >110 °C

Auto-ignition temperature not determined

Decomposition temperature not relevant

pH (value) <1 (in aqueous solution: 50 ^g/_l, 20 °C)

Kinematic viscosity not relevant

Solubility(ies)

Water solubility \sim 1,320 $^{\rm g}$ / $_{\rm l}$ at 20 $^{\rm o}$ C

Partition coefficient

Partition coefficient n-octanol/water (log value): 1.33 (OECD 107)

Vapour pressure 1 hPa at 20 °C 1.2 hPa at 50 °C

Density and/or relative density

Density $1.62 \, {}^{9}/_{\text{cm}^3}$ at 20 ${}^{\circ}\text{C}$

Australia (en) Page 7 / 15

acc. to Safe Work Australia - Code of Practice

Trichloroacetic acid ≥99 %, p.a.

article number: 8789

Relative vapour density 5.64 (air = 1) Bulk density $\sim 900 \, {\rm kg/m^3}$

Particle characteristics No data available.

Other safety parameters

Oxidising properties none

9.2 Other information

Information with regard to physical hazard

classes:

hazard classes acc. to GHS (physical hazards): not relevant

Other safety characteristics: There is no additional information.

SECTION 10: Stability and reactivity

10.1 Reactivity

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3 Possibility of hazardous reactions

Violent reaction with: strong oxidiser, Amines, Copper, Strong alkali

10.4 Conditions to avoid

Protect from moisture.

10.5 Incompatible materials

metal

10.6 Hazardous decomposition products

Hazardous combustion products: see section 5. Phosgene.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Classification acc. to GHS

Acute toxicity

Shall not be classified as acutely toxic.

GHS of the United Nations, annex 4. May be harmful if swallowed.

Acute toxicity

Exposure route	Endpoint	Value	Species	Method	Source
oral	LD50	3,320 ^{mg} / _{kg}	rat		IUCLID

Skin corrosion/irritation

Causes severe skin burns and eye damage.

Australia (en) Page 8 / 15



acc. to Safe Work Australia - Code of Practice

Trichloroacetic acid ≥99 %, p.a.

article number: 8789



Causes serious eye damage.

Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

May cause respiratory irritation.

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

Symptoms related to the physical, chemical and toxicological characteristics

If swallowed

If swallowed danger of perforation of the esophagus and the stomach (strong corrosive effects)

• If in eyes

causes burns, Causes serious eye damage, risk of blindness

• If inhaled

pulmonary oedema, Irritation to respiratory tract, cough, Dyspnoea

• If on skin

causes severe burns, causes poorly healing wounds

Other information

none

11.2 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of \geq 0,1%.

SECTION 12: Ecological information

12.1 Toxicity

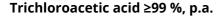
Very toxic to aquatic life with long lasting effects.

Aquatic toxicity (acute)				
Endpoint	Value	Species	Source	Exposure time
EC50	2,000 ^{mg} / _l	daphnia magna		48 h
LC50	>1,000 ^{mg} / _l	orfe (Leuciscus idus)		48 h

Australia (en) Page 9 / 15



acc. to Safe Work Australia - Code of Practice



article number: 8789



Aquatic toxicity (acute)				
Endpoint	Value	Species	Source	Exposure time
LC50	2,000 ^{mg} / _l	Pimephales promelas		96 h

12.2 Persistence and degradability

Theoretical Oxygen Demand: 0.09792 ^{mg}/_{mg} Theoretical Carbon Dioxide: 0.5387 ^{mg}/_{mg}

Biodegradation

Not readily biodegradable.

Process of degradability

1 rocess of degradability			
	Process	Degradation rate	Time
	biotic/abiotic	59 %	20 d

12.3 Bioaccumulative potential

Does not significantly accumulate in organisms.

n-octanol/water (log KOW)	1.33 (OECD 107)
---------------------------	-----------------

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of \geq 0,1%.

12.7 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods



This material and its container must be disposed of as hazardous waste. Dispose of contents/container in accordance with local/regional/national/international regulations.

Sewage disposal-relevant information

Do not empty into drains.

Waste treatment of containers/packagings

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used. Handle contaminated packages in the same way as the substance itself. Completely emptied packages can be recycled.

Australia (en) Page 10 / 15

acc. to Safe Work Australia - Code of Practice

Trichloroacetic acid ≥99 %, p.a.

article number: 8789



Relevant provisions relating to waste(Basel Convention)

Properties of waste which render it hazardous

H8 Corrosives

H11 Toxic (Delayed or chronic)

13.3 Remarks

Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. Please consider the relevant national or regional provisions. Non-contaminated packages may be recycled.

SECTION 14: Transport information

14.1 UN number

UN 1839
IMDG-Code UN 1839
ICAO-TI UN 1839

14.2 UN proper shipping name

UN RTDGTRICHLOROACETIC ACIDIMDG-CodeTRICHLOROACETIC ACID

ICAO-TI Trichloroacetic acid

14.3 Transport hazard class(es)

UN RTDG 8
IMDG-Code 8
ICAO-TI 8

14.4 Packing group

UN RTDG II
IMDG-Code II
ICAO-TI II

14.5 Environmental hazards hazardous to the aquatic environment

14.6 Special precautions for user

There is no additional information.

14.7 Transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

14.8 Information for each of the UN Model Regulations

Transport informationNational regulationsAdditional information(UN RTDG)

UN number 1839
Class 8
Environmental hazards Yes

Hazardous to the aquatic environment

Packing group II

Australia (en) Page 11 / 15

acc. to Safe Work Australia - Code of Practice

Trichloroacetic acid ≥99 %, p.a.

article number: 8789

Danger label(s)

Fish and tree

Special provisions (SP)

UN RTDG

Excepted quantities (EQ) E2

E2 UN RTDG

Limited quantities (LQ) 1 k

1 kg UN RTDG

Emergency Action Code 2X

International Maritime Dangerous Goods Code (IMDG) - Additional information

Proper shipping name TRICHLOROACETIC ACID

Particulars in the shipper's declaration UN1839, TRICHLOROACETIC ACID, 8, II, MARINE

POLLUTANT

Marine pollutant yes (hazardous to the aquatic environment)

Danger label(s) 8, "Fish and tree"



Excepted quantities (EQ) E2
Limited quantities (LQ) 1 kg
EmS F-A, S-B

Stowage category A

Segregation group 1 - Acids

International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

Proper shipping name Trichloroacetic acid

Particulars in the shipper's declaration UN1839, Trichloroacetic acid, 8, II Environmental hazards yes (hazardous to the aquatic environment)

Danger label(s) 8

Excepted quantities (EQ) E2
Limited quantities (LQ) 5 kg

Australia (en) Page 12 / 15



acc. to Safe Work Australia - Code of Practice

Trichloroacetic acid ≥99 %, p.a.

article number: 8789



SECTION 15: Regulatory information

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

There is no additional information.

National regulations(Australia)

Australian Inventory of Chemical Substances(AICS)

Substance is listed.

Other information

Directive 94/33/EC on the protection of young people at work. Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

National inventories

Country	Inventory	Status
AU	AIIC	substance is listed
CA	DSL	substance is listed
CN	IECSC	substance is listed
EU	ECSI	substance is listed
EU	REACH Reg.	substance is listed
JP	CSCL-ENCS	substance is listed
KR	KECI	substance is listed
MX	INSQ	substance is listed
NZ	NZIoC	substance is listed
PH	PICCS	substance is listed
TW	TCSI	substance is listed
US	TSCA	substance is listed (ACTIVE)
VN	NCI	substance is listed

Legend

AIIC CSCL-ENCS

Australian Inventory of Industrial Chemicals List of Existing and New Chemical Substances (CSCL-ENCS)

DSL ECSI IECSC INSQ

List of Existing and New Chemical Substances (CSCL-ENCS)

Domestic Substances List (DSL)

EC Substance Inventory (EINECS, ELINCS, NLP)

Inventory of Existing Chemical Substances Produced or Imported in China

National Inventory of Chemical Substances

Korea Existing Chemicals Inventory

National Chemical Inventory

New Zealand Inventory of Chemicals

Philippine Inventory of Chemicals and Chemical Substances (PICCS)

REACH registered substances

REACH Reg. REACH registered substances
TCSI Taiwan Chemical Substance Inventory
TSCA Toxic Substance Control Act

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance.

Australia (en) Page 13 / 15

acc. to Safe Work Australia - Code of Practice

Trichloroacetic acid ≥99 %, p.a.

article number: 8789



SECTION 16: Other information

Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)	Safety- relev- ant
2.3		Endocrine disrupting properties: Does not contain an endocrine disruptor (ED) at a concentration of ≥ 0,1%.	yes
14.8		Emergency Action Code: 2X	yes
15.1		National inventories: change in the listing (table)	yes

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations	
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)	
Ceiling-C	Ceiling value	
DGR	Dangerous Goods Regulations (see IATA/DGR)	
DNEL	Derived No-Effect Level	
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval	
ED	Endocrine disruptor	
EINECS	European Inventory of Existing Commercial Chemical Substances	
ELINCS	European List of Notified Chemical Substances	
EmS	Emergency Schedule	
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations	
IATA	International Air Transport Association	
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)	
ICAO	International Civil Aviation Organization	
ICAO-TI	Technical instructions for the safe transport of dangerous goods by air	
IMDG	International Maritime Dangerous Goods Code	
IMDG-Code	International Maritime Dangerous Goods Code	
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval	
LD50	Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval	
NLP	No-Longer Polymer	
PBT	Persistent, Bioaccumulative and Toxic	
PNEC	Predicted No-Effect Concentration	
STEL	Short-term exposure limit	
TWA	Time-weighted average	

Australia (en) Page 14 / 15

acc. to Safe Work Australia - Code of Practice

Trichloroacetic acid ≥99 %, p.a.

article number: 8789



Abbr.	Descriptions of used abbreviations
UN RTDG	UN Recommendations on the Transport of Dangerous Good
vPvB	Very Persistent and very Bioaccumulative
WES	Safe Work Australia: Workplace exposure standards for airborne contaminants

Key literature references and sources for data

Safe Work Australia's Code of Practice for Labelling of Workplace Hazardous Chemicals (under WHS Regulations).

UN Recommendations on the Transport of Dangerous Good. International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

List of relevant phrases (code and full text as stated in section 2 and 3)

Code	Text
H314	Causes severe skin burns and eye damage.
H335	May cause respiratory irritation.

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Australia (en) Page 15 / 15