Safe Work Australia - Code of Practice

ROTH

n-Heptane ≥99 %, for synthesis

article number: **8654**Version: **GHS 2.0 en**date of compilation: 2016-02-22
Revision: 2019-09-25

Replaces version of: 2016-02-22

Version: (GHS 1)

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

1.1 Product identifier

Identification of the substance **n-Heptane**

Article number 8654

Registration number (REACH) 01-2119457603-38-xxxx

 Index No
 601-008-00-2

 EC number
 205-563-8

 CAS number
 142-82-5

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

Identified uses: laboratory chemical

laboratory and analytical use

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 Informa- tion Centre Childrens Hospital	Hawkesbury Road	2145 Westmead, NSW	131126	

Emergency information service Poison Centre Munich: +49/(0)89 19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification acc. to GHS

Australia (en) Page 1 / 15

Safe Work Australia - Code of Practice



n-Heptane ≥99 %, for synthesis

article number: 8654

Classification acc. to GHS

Section	Hazard class	Hazard class and cat- egory	Hazard state- ment
2.6	flammable liquid	(Flam. Liq. 2)	H225
3.2	skin corrosion/irritation	(Skin Irrit. 2)	H315
3.8D	specific target organ toxicity - single exposure (narcotic effects, drowsiness)	(STOT SE 3)	H336
3.10	aspiration hazard	(Asp. Tox. 1)	H304

The most important adverse physicochemical, human health and environmental effects

Narcotic effects.

2.2 Label elements

Labelling GHS

Signal word Danger

Pictograms

GHS02, GHS07, GHS08







Hazard statements

H225 Highly flammable liquid and vapour

H304 May be fatal if swallowed and enters airways

H315 Causes skin irritation

H336 May cause drowsiness or dizziness

Precautionary statements

Precautionary statements - prevention

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Precautionary statements - response

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P331 Do NOT induce vomiting.

P370+P378 In case of fire: Use sand, carbon dioxide or powder extinguisher for extinction.

Precautionary statements - storage

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

P403+P235 Store in a well-ventilated place. Keep cool.

Labelling of packages where the contents do not exceed 125 ml

Signal word: Danger

Symbol(s)







Australia (en) Page 2 / 15

Safe Work Australia - Code of Practice



n-Heptane ≥99 %, for synthesis

article number: 8654

H304 May be fatal if swallowed and enters airways.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331 Do NOT induce vomiting.

2.3 Other hazards

There is no additional information.

SECTION 3: Composition/information on ingredients

3.1 Substances

Name of substance n-Heptane
Index No 601-008-00-2

Registration number (REACH) 01-2119457603-38-xxxx

EC number 205-563-8 CAS number 142-82-5 Molecular formula C_7H_{16} Molar mass 100.2 $g/_{mol}$

SECTION 4: First aid measures

4.1 Description of first aid measures



General notes

Take off contaminated clothing.

Following inhalation

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

Following skin contact

Rinse skin with water/shower. In case of skin irritation, consult a physician.

Following eye contact

Rinse cautiously with water for several minutes. In all cases of doubt, or when symptoms persist, seek medical advice.

Following ingestion

Do NOT induce vomiting. Call a physician immediately. Observe aspiration hazard if vomiting occurs.

4.2 Most important symptoms and effects, both acute and delayed

Aspiration hazard, Irritation, Headache, Vertigo, Dizziness, Drowsiness, Narcosis

4.3 Indication of any immediate medical attention and special treatment needed

none

Australia (en) Page 3 / 15

Safe Work Australia - Code of Practice



n-Heptane ≥99 %, for synthesis

article number: 8654

SECTION 5: Firefighting measures

5.1 Extinguishing media



Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings water spray, foam, dry extinguishing powder, carbon dioxide (CO2)

Unsuitable extinguishing media

water jet

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)

5.3 Advice for firefighters

Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus.

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 vapour/spray. Avoidance of ignition sources.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Explosive properties.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains.

Advice on how to clean up a spill

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

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.

Australia (en) Page 4 / 15

Safe Work Australia - Code of Practice



n-Heptane ≥99 %, for synthesis

article number: 8654

SECTION 7: Handling and storage

Precautions for safe handling

Provision of sufficient ventilation. Use extractor hood (laboratory).

• Measures to prevent fire as well as aerosol and dust generation



Keep away from sources of ignition - No smoking.

Take precautionary measures against static discharge. Due to danger of explosion, prevent leakage

of vapours into cellars, flues and ditches.

Measures to protect the environment

Avoid release to the environment.

Advice on general occupational hygiene

Wash hands before breaks and after work. Keep away from food, drink and animal feedingstuffs. When using do not smoke.

7.2 Conditions for safe storage, including any incompatibilities

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

Incompatible substances or mixtures

Observe hints for combined storage.

Consideration of other advice

Ground/bond container and receiving equipment.

Ventilation requirements

Use local and general ventilation.

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

8.1 **Control parameters**

National limit values

Occupational exposure limit values (Workplace Exposure Limits)

Country	Name of agent	CAS No	Nota- tion	Identifi- er	TWA [pp m]	TWA [mg/ m³]	STEL [pp m]	STEL [mg/ m³]	Source
AU	n-heptane	142-82-5		WES	400	1,640	500	2,050	WES

Notation

TWA

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 STFI

hours time-weighted average (unless otherwise specified)

Australia (en) Page 5 / 15

Safe Work Australia - Code of Practice



n-Heptane ≥99 %, for synthesis

article number: 8654

Relevant DNELs/DMELs/PNECs and other threshold levels

human health values

Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
DNEL	2,085 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
DNEL	300 mg/kg bw/ day	human, dermal	worker (industry)	chronic - systemic effects

8.2 Exposure controls

Individual protection measures (personal protective equipment)

Eye/face protection





Use safety goggle with side protection.

Skin protection





hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. 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

NBR (Nitrile rubber)

material thickness

0,4 mm

• breakthrough times of the glove material

>480 minutes (permeation: level 6)

other protection measures

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

Flame-retardant protective clothing.

Respiratory protection





Respiratory protection necessary at: Aerosol or mist formation. Type: A (against organic gases and vapours with a boiling point of > 65 °C , colour code: Brown).

Australia (en) Page 6 / 15

Safe Work Australia - Code of Practice



n-Heptane ≥99 %, for synthesis

article number: 8654

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

Appearance

Physical state liquid (fluid)

Colour colourless

Odour like: Gasoline

Odour threshold No data available

Other physical and chemical parameters

pH (value) This information is not available.

Melting point/freezing point -90.5 °C

Initial boiling point and boiling range 98.2 – 98.4 °C at 100 kPa

Flash point -4 °C

Evaporation rate no data available Flammability (solid, gas) not relevant (fluid)

Explosive limits

lower explosion limit (LEL)
upper explosion limit (UEL)
6.7 vol%

Explosion limits of dust clouds not relevant

Vapour pressure 6.09 kPa at 25 °C Density $0.69 \text{ g/}_{\text{cm}^3} \text{ at } 15 \text{ °C}$

Vapour density 3.46 (air = 1)
Bulk density Not applicable

Relative density Information on this property is not available.

Solubility(ies)

Water solubility $2.4 \, ^{mg}/_{l}$ at 25 $^{\circ}$ C

Partition coefficient

n-octanol/water (log KOW) 4.5 (ECHA)

Soil organic carbon/water (log KOC) 2.38 (ECHA)

Auto-ignition temperature 204 °C - ECHA

Decomposition temperature no data available

Viscosity

• kinematic viscosity 0.641 mm²/s at 20 °C

• dynamic viscosity 0.4423 cP

Australia (en) Page 7 / 15

Safe Work Australia - Code of Practice



n-Heptane ≥99 %, for synthesis

article number: 8654

Explosive properties Shall not be classified as explosive

Oxidising properties none

9.2 Other information

Surface tension 19.66 ^{mN}/_m (25 °C)

SECTION 10: Stability and reactivity

10.1 Reactivity

Risk of ignition. Vapours can form explosive mixtures with air.

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, Phosphorus, Chlorine

10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5 Incompatible materials

Rubber articles, different plastics

10.6 Hazardous decomposition products

Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Shall not be classified as acutely toxic.

Exposure route	Endpoint	Value	Species	Source
oral	LD50	>5,000 ^{mg} / _{kg}	rat	ECHA
inhalation: vapour	LC50	>29.29 ^{mg} / _l /4h	rat	ECHA
dermal	LD50	>2,000 ^{mg} / _{kg}	rabbit	ECHA

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

Summary of evaluation of the CMR properties

Shall not be classified as germ cell mutagenic, carcinogenic nor as a reproductive toxicant

• Specific target organ toxicity - single exposure

May cause drowsiness or dizziness.

Australia (en) Page 8 / 15

Safe Work Australia - Code of Practice



n-Heptane ≥99 %, for synthesis

article number: 8654

• Specific target organ toxicity - repeated exposure

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

Aspiration hazard

May be fatal if swallowed and enters airways.

Symptoms related to the physical, chemical and toxicological characteristics

If swallowed

aspiration hazard

• If in eyes

causes slight to moderate irritation

If inhaled

headache, vertigo, dizziness, drowsiness, narcosis

• If on skin

Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation)

Other information

None

SECTION 12: Ecological information

12.1 Toxicity

acc. to 1272/2008/EC: Shall not be classified as hazardous to the aquatic environment.

Aquatic toxicity (acute)

Endpoint	Value	Species	Source	Exposure time
EC50	0.64 ^{mg} / _l	aquatic invertebrates	ECHA	48 h

Aquatic toxicity (chronic)

Endpoint	Value	Species	Source	Exposure time
EC50	0.23 ^{mg} / _l	aquatic invertebrates	ECHA	21 d
NOEC	0.17 ^{mg} / _l	aquatic invertebrates	ECHA	21 d

12.2 Process of degradability

Theoretical Oxygen Demand: 3.513 ^{mg}/_{mg} Theoretical Carbon Dioxide: 3.074 ^{mg}/_{mg}

Process	Degradation rate	Time
oxygen depletion	28.2 %	2 d

12.3 Bioaccumulative potential

The substance fulfils the very bioaccumulative criterion.

n-octanol/water (log KOW)

BCF 552 (ECHA)

Australia (en) Page 9 / 15

Safe Work Australia - Code of Practice



n-Heptane ≥99 %, for synthesis

article number: 8654

12.4 Mobility in soil

The Organic Carbon normalised adsorption

coefficient

2.38

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations

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

It is a dangerous waste; only packagings which are approved (e.g. acc. to ADR) may be used.

Sewage disposal-relevant information

Do not empty into drains.

Waste treatment of containers/packagings

It is a dangerous waste; only packagings which are approved (e.g. acc. to ADR) may be used.

13.2 Relevant provisions relating to waste

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

13.3 Remarks

14.3

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.

SECTION 14: Transport information

14.1	UN number	1206
14.2	UN proper shipping name	HEPTANES
	Hazardous ingredients	n-Heptane

Transport hazard class(es)

3

Class 3 (flammable liquids)

14.4 Packing group II (substance presenting medium danger)

14.5 Environmental hazards hazardous to the aquatic environment

Australia (en) Page 10 / 15

Safe Work Australia - Code of Practice



n-Heptane ≥99 %, for synthesis

article number: 8654

14.6 Special precautions for user

Provisions for dangerous goods (ADR) should be complied within the premises.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

The cargo is not intended to be carried in bulk.

14.8 Information for each of the UN Model Regulations

• Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN)

UN number 1206

Proper shipping name HEPTANES

Particulars in the transport document UN1206, HEPTANES, 3, II, (D/E), environmentally

II

hazardous

Classification code F1

Danger label(s) 3 + "fish and tree"



Packing group



Environmental hazards yes (hazardous to the aquatic environment)

Excepted quantities (EQ) E2
Limited quantities (LQ) 1 L
Transport category (TC) 2
Tunnel restriction code (TRC) D/E
Hazard identification No 33
Emergency Action Code 3YE

• International Maritime Dangerous Goods Code (IMDG)

UN number 1206

Proper shipping name HEPTANES

Particulars in the shipper's declaration UN1206, HEPTANES, 3, II, -4°C c.c., MARINE POL-

LUTANT

Class 3

Marine pollutant yes (P) (hazardous to the aquatic environment)

Packing group II

Danger label(s) 3 + "fish and tree"





Special provisions (SP)

Excepted quantities (EQ) E2

Australia (en) Page 11 / 15

Safe Work Australia - Code of Practice



n-Heptane ≥99 %, for synthesis

article number: 8654

Limited quantities (LQ) 1 L

EmS F-E, S-D

Stowage category В

• International Civil Aviation Organization (ICAO-IATA/DGR)

1206 **UN** number

Proper shipping name Heptanes

Particulars in the shipper's declaration UN1206, Heptanes, 3, II

Class 3

Environmental hazards yes (hazardous to the aquatic environment)

Packing group II Danger label(s) 3



Excepted quantities (EQ) E2 Limited quantities (LQ) 1 L

SECTION 15: Regulatory information

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

National inventories

Substance is listed in the following national inventories:

Country	National inventories	Status
AU	AICS	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
TR	CICR	substance is listed
TW	TCSI	substance is listed
US	TSCA	substance is listed

Legend

AICS Australian Inventory of Chemical Substances
CICR Chemical Inventory and Control Regulation
CSCL-ENCS List of Existing and New Chemical Substances (CSCL-ENCS)

Australia (en) Page 12 / 15

Safe Work Australia - Code of Practice



n-Heptane ≥99 %, for synthesis

article number: 8654

Legend

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 DSL ECSI IECSC

INSQ National Inventory of Chemical Substances
KECI Korea Existing Chemicals Inventory
NZIOC New Zealand Inventory of Chemicals
PICCS Philippine Inventory of Chemicals and Chemical Substances
REACH Reg. REACH registered substances
TCCT Taiwan Chemical Substance Inventory

TCSI TSCA

Toxic Substance Control Act

15.2 Chemical Safety Assessment

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

SECTION 16: Other information

Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)	Safety- relev- ant
2.1	Remarks: For full text of Hazard- and EU Hazard-state- ments: see SECTION 16.		yes
2.2		Pictograms: change in the listing (table)	yes
2.2		Precautionary statements - prevention: change in the listing (table)	yes
2.2		Precautionary statements - response: change in the listing (table)	yes
2.2		Labelling of packages where the contents do not exceed 125 ml: change in the listing (table)	yes
8.1		• human health values: change in the listing (table)	yes
14.3	Transport hazard class(es)	Transport hazard class(es): class 3 hazard - flammable liquids	yes
14.8	Particulars in the transport document: UN1206, HEPTANES, (heptane), 3, II, (D/E), environmentally hazardous	Particulars in the transport document: UN1206, HEPTANES, 3, II, (D/E), environment- ally hazardous	yes
14.8	Particulars in the shipper's declaration: UN1206, HEPTANES, (heptane), 3, II, -4°C c.c., MARINE POLLUTANT	Particulars in the shipper's declaration: UN1206, HEPTANES, 3, II, -4°C c.c., MARINE POL- LUTANT	yes
14.8	Marine pollutant: yes (hazardous to the aquatic environment)	Marine pollutant: yes (P) (hazardous to the aquatic environment)	yes
14.8		• International Civil Aviation Organization (ICAO-IATA/DGR)	yes
14.8		UN number: 1206	yes
14.8		Proper shipping name: Heptanes	yes
14.8		Particulars in the shipper's declaration: UN1206, Heptanes, 3, II	yes
14.8		Class:	yes
14.8		Environmental hazards: yes (hazardous to the aquatic environment)	yes

Australia (en) Page 13 / 15

Safe Work Australia - Code of Practice



n-Heptane ≥99 %, for synthesis

article number: 8654

Section	Former entry (text/value)	Actual entry (text/value)	Safety- relev- ant
14.8		Packing group: II	yes
14.8		Danger label(s): 3	yes
14.8		Danger label(s): change in the listing (table)	yes
14.8		Excepted quantities (EQ): E2	yes
14.8		Limited quantities (LQ): 1 L	yes

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations	
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)	
ADR	Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)	
BCF	bioconcentration factor	
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)	
CMR	Carcinogenic, Mutagenic or toxic for Reproduction	
DGR	Dangerous Goods Regulations (see IATA/DGR)	
DMEL	Derived Minimal Effect Level	
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	
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	
IMDG	International Maritime Dangerous Goods Code	
index No	the Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008	
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	
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")	
NLP	No-Longer Polymer	
NOEC	No Observed Effect Concentration	

Australia (en) Page 14 / 15

Safe Work Australia - Code of Practice



n-Heptane ≥99 %, for synthesis

article number: 8654

Alaba	Descriptions of used abbreviations
Abbr.	Descriptions of used abbreviations
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
STEL	short-term exposure limit
TWA	time-weighted average
vPvB	very Persistent and very Bioaccumulative
WES	Safe Work Australia: Workplace exposure standards for airborne conatminants

Key literature references and sources for data

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

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

Code	Text
H225	highly flammable liquid and vapour
H304	may be fatal if swallowed and enters airways
H315	causes skin irritation
H336	may cause drowsiness or dizziness

Disclaimer

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Australia (en) Page 15 / 15