

SAFETY DATA SHEET

LOCTITE 638

Infosafe No.: 1LO37

ISSUED Date : 02/09/2020

ISSUED by: HENKEL AUSTRALIA PTY LTD

1. Identification

GHS Product Identifier

LOCTITE 638

Company name

HENKEL AUSTRALIA PTY LTD

Address135-141 Canterbury Road Kilsyth
VIC 3137 AUSTRALIA**Telephone/Fax Number**

Tel: +61 (3) 9724 6444

Emergency phone number

24 HOUR EMERGENCY CONTACT NUMBER: 1800 032 379

Recommended use of the chemical and restrictions on use

Anaerobic Adhesive

2. Hazard Identification

GHS classification of the substance/mixture

Eye Damage/Irritation: Category 1

Hazardous to the Aquatic Environment - Long-Term Hazard: Category 3

Sensitization - Skin: Category 1

Skin Corrosion/Irritation: Category 2

STOT Single Exposure: Category 3 (respiratory tract irritation)

Hazardous to the Aquatic Environment - Acute Hazard: Category 2

Signal Word (s)

DANGER

Hazard Statement (s)

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

H401 Toxic to aquatic life.

Precautionary statement – General

Not Applicable

Pictogram (s)

Corrosion, Exclamation mark

**Precautionary statement – Prevention**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

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P264 Wash hands thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves, eye protection, and face protection.

Precautionary statement – Response

P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P315 Get immediate medical advice/attention.

Precautionary statement – Storage

P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.

Precautionary statement – Disposal

P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations..

Other Information

Classification of the substance or mixture:
Hazardous according to the criteria of Safe Work Australia.

GHS Classification:

Hazard Class / Hazard Category / Target organ
Skin irritation Category 2
Serious eye damage/eye irritation Category 1
Skin sensitizer Category 1
Target Organ Systemic Toxicant - Single exposure Category 3 respiratory tract irritation
Acute hazards to the aquatic environment Category 2
Chronic hazards to the aquatic environment Category 3

Dangerous Goods information:

Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

3. Composition/information on ingredients

Ingredients

Name	CAS	Proportion
3,3,5 Trimethylcyclohexyl methacrylate	7779-31-9	10-<20 %
Methacrylic acid, monoester with propane-1,2-diol	27813-02-1	1-<10 %
2-hydroxyethyl methacrylate	868-77-9	10-<30 %
acrylic acid	79-10-7	3-<5 %
maleic acid	110-16-7	<1 %
Non hazardous ingredients~		60-<100 %

Other Information

General chemical description:
Mixture
Acrylate

Type of preparation:
Adhesive

4. First-aid measures

Inhalation

Move to fresh air.
Keep warm and in a quiet place.
Seek medical advice.

Ingestion

Do not induce vomiting.
Have victim rinse mouth thoroughly with water.
Seek medical advice.

Skin

In case of contact, immediately remove contaminated clothing and flush skin with copious amounts of water.
Seek medical advice.

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Get immediate medical attention.

First Aid Facilities

Eye wash and safety shower
Normal washroom facilities

Indication of immediate medical attention and special treatment needed if necessary

Treat symptomatically and supportively.

5. Fire-fighting measures

Suitable Extinguishing Media

Carbon dioxide, foam, powder

Hazards from Combustion Products

Thermal decomposition can lead to release of irritating gases and vapors. Carbon monoxide. Carbon dioxide. Oxides of nitrogen.

Special Protective Equipment for fire fighters

Wear full protective clothing. Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA).

Specific Methods

In case of fire, keep containers cool with water spray. Collect contaminated fire fighting water separately. It must not enter drains.

6. Accidental release measures

Personal Precautions

Avoid contact with skin and eyes.
Wear protective equipment.
Ensure adequate ventilation.
Remove sources of ignition.

Clean-up Methods - Small Spillages

For small spills wipe up with paper towel and place in container for disposal.

Clean-up Methods - Large Spillages

For large spills absorb onto inert absorbent material and place in sealed container for disposal.

Environmental Precautions

Do not empty into drains / surface water / ground water.

7. Handling and storage

Precautions for Safe Handling

Use only in well-ventilated areas.
Remove all sources of ignition.
Avoid skin and eye contact.
Wear protective equipment.

Conditions for safe storage, including any incompatibilities

Ensure good ventilation/extraction.
Keep container tightly sealed.
Store in a cool, well-ventilated place.
Keep away from sources of ignition.

8. Exposure controls/personal protection

Occupational exposure limit values

National exposure standards:

Ingredient [Regulated substance] / TWA (ppm) / TWA (mg/m³)
ACRYLIC ACID 79-10-7 2 5.9

Appropriate engineering controls

Ensure good ventilation/extraction.

Respiratory Protection

If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

Eye Protection

Wear chemical goggles and face shield.

Body Protection

Wear suitable protective clothing.
Nitrile rubber gloves should be worn.
Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.

9. Physical and chemical properties

Properties	Description	Properties	Description
Form	Liquid	Appearance	Green
Odour	Characteristic	Boiling Point	>149°C >300.2°F
Solubility in Water	Insoluble	Specific Gravity	1.1
Vapour Pressure	(; 27 °C (80.6 °F)): < 10 mm hg	Density	1.1 g/cm ³
Flash Point	93.3°C 199.94°F	Dynamic Viscosity	(Brookfield; Instrument: RVT; speed of rotation: 20 min ⁻¹ ; Spindle No: 3; Method: no method): 2,000 - 3,000 mPa.s

Other Information

VOC content:
(2010/75/EC)
< 3 %

10. Stability and reactivity

Chemical Stability

Stable under recommended storage conditions.

Conditions to Avoid

Excessive heat.

Heat, flames, sparks and other sources of ignition.

Incompatible materials

Reaction with strong acids.

Reacts with strong oxidants.

Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating gases and vapors.

Carbon monoxide.

Carbon dioxide.

Oxides of nitrogen.

Oxides of sulfur.

11. Toxicological Information

Toxicology Information

Acute toxicity:

Hazardous components: 3,3,5 Trimethylcyclohexyl methacrylate

CAS-No.: 7779-31-9

Value type: LD0

Value: > 5,000 mg/kg

Route of application: oral

Species: rat

Method: OECD Guideline 401 (Acute Oral Toxicity)

Value type: LD50

Value: > 5,000 mg/kg

Route of application: oral

Species: rat

Method: OECD Guideline 401 (Acute Oral Toxicity)

Value type: LD0

Value: > 2,000 mg/kg

Route of application: dermal

Species: rat

Method: OECD Guideline 402 (Acute Dermal Toxicity)

Value type: LD50

Value: > 2,000 mg/kg

Route of application: dermal

Species: rat

Method: OECD Guideline 402 (Acute Dermal Toxicity)

Hazardous components: 2-Hydroxyethyl methacrylate

CAS-No.: 868-77-9

Value type: LD50

Value: > 5,000 mg/kg

Route of application: oral

Species: rat

Method: not specified

Value type: LD50

Value: > 5,000 mg/kg

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Route of application: dermal
Species: rabbit
Method: not specified

Hazardous components: Acrylic acid
CAS-No.: 79-10-7
Value type: LD50
Value: 1,500 mg/kg
Route of application: oral
Species: rat
Method: BASF Test

Value type: LC50
Value: > 5.1 mg/l
Route of application: inhalation
Exposure time: 4 h
Species: rat
Method: OECD Guideline 403 (Acute Inhalation Toxicity)

Value type: Acute toxicity estimate (ATE)
Value: 11 mg/l
Route of application: inhalation
Method: Expert judgement

Value type: Acute toxicity estimate (ATE)
Value: 1,100 mg/kg
Route of application: dermal
Method: Expert judgement

Hazardous components: Methacrylic acid, monoester with propane-1,2-diol
CAS-No.: 27813-02-1
Value type: LD50
Value: > 2,000 mg/kg
Route of application: oral
Species: rat
Method: OECD Guideline 401 (Acute Oral Toxicity)

Value type: LD50
Value: > 5,000 mg/kg
Route of application: dermal
Species: rabbit
Method: not specified

Hazardous components: maleic acid
CAS-No.: 110-16-7
Value type: LD50
Value: 708 mg/kg
Route of application: oral
Species: rat
Method: not specified

Value type: LD50
Value: 1,560 mg/kg
Route of application: dermal
Species: rabbit
Method: not specified

Respiratory or skin sensitization:
Hazardous components / CAS-No. / Result / Test type / Species / Method
3,3,5 Trimethylcyclohexyl methacrylate 7779-31-9 sensitising Mouse local lymphnode assay (LLNA) mouse OECD Guideline 429 (Skin

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Sensitisation: Local Lymph Node Assay)

Acrylic acid 79-10-7 not sensitising Skin painting test guinea pig not specified

maleic acid 110-16-7 sensitising Mouse local lymphnode assay (LLNA) mouse OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)

maleic acid 110-16-7 sensitising Mouse local lymphnode assay (LLNA) guinea pig OECD Guideline 406 (Skin Sensitisation)

Repeated dose toxicity:

Hazardous components / CAS-No. / Result / Route of application / Exposure time / Frequency of treatment / Species / Method

3,3,5 Trimethylcyclohexyl methacrylate 7779-31-9 NOAEL=1,000 mg/kg oral: gavage 28 ddaily rat OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

2-Hydroxyethyl methacrylate 868-77-9 NOAEL=100 mg/kg oral: gavage once daily rat OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

Methacrylic acid, monoester with propane-1,2-diol 27813-02-1 NOAEL=300 mg/kg oral: gavage - rat OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

maleic acid 110-16-7 NOAEL>= 40 mg/kg oral: feed 90 ddaily rat OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

Ingestion

May cause gastrointestinal tract irritation if swallowed.

Inhalation

This product is irritating to the respiratory system. Inhalation of vapor or aerosol may cause severe irritation to nose, throat and lungs.

Skin

Irritating to skin. Symptoms may include redness, edema, drying, defatting and cracking of the skin. May cause skin sensitization.

Eye

Causes serious eye damage. Contact with the eyes may cause moderate to severe eye injury. Eye contact may result in corneal injury. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Skin corrosion/irritation

Hazardous components / CAS-No. / Result / Exposure time / Species / Method

Acrylic acid 79-10-7 highly corrosive 3 min rabbit OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Methacrylic acid, monoester with propane-1,2-diol 27813-02-1 not irritating 24 h rabbit Draize Test

maleic acid 110-16-7 irritating 24 h human Patch Test

Serious eye damage/irritation

Hazardous components / CAS-No. / Result / Exposure time / Species / Method

2-Hydroxyethyl methacrylate 868-77-9 irritating - rabbit Draize Test

Acrylic acid 79-10-7 corrosive 21 d rabbit BASF Test

Methacrylic acid, monoester with propane-1,2-diol 27813-02-1 irritating - rabbit Draize Test

maleic acid 110-16-7 highly irritating - rabbit OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Germ cell mutagenicity

Hazardous components: 3,3,5 Trimethylcyclohexyl methacrylate

CAS-No.: 7779-31-9

Result: negative

Type of study / Route of administration: bacterial reverse mutation assay (e.g Ames test)

Metabolic activation / Exposure time: with and without

Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay)

Hazardous components: 2-Hydroxyethyl methacrylate

CAS-No.: 868-77-9

Result: negative

Type of study / Route of administration: bacterial reverse mutation assay (e.g Ames test)

Metabolic activation / Exposure time: with and without

Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay)

Result: positive

Type of study / Route of administration: in vitro mammalian chromosome aberration test

Metabolic activation / Exposure time: with and without

Method: OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)

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Result: negative

Type of study / Route of administration: mammalian cell gene mutation assay

Metabolic activation / Exposure time: with and without

Method: OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)

Result: negative

Type of study / Route of administration: bacterial reverse mutation assay (e.g Ames test)

Metabolic activation / Exposure time: with and without

Method: OECD Guideline 472 (Genetic Toxicology: Escherichia coli, Reverse Mutation Assay)

Hazardous components: 2-Hydroxyethyl methacrylate

CAS-No.: 868-77-9

Result: negative

Type of study / Route of administration: oral: gavage

Species: rat

OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

Hazardous components: Acrylic acid

CAS-No.: 79-10-7

Result: negative

Type of study / Route of administration: mammalian cell gene mutation assay

Metabolic activation / Exposure time: with and without

Method: OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)

Result: negative

Type of study / Route of administration: DNA damage and repair assay, unscheduled DNA synthesis in mammalian cells in vitro

Metabolic activation / Exposure time: without

Method: OECD Guideline 482 (Genetic Toxicology: DNA Damage and Repair, Unscheduled DNA Synthesis in Mammalian Cells In Vitro)

Hazardous components: Acrylic acid

CAS-No.: 79-10-7

Result: negative

Type of study / Route of administration: oral: gavage

Species: rat

Method: OECD Guideline 475 (Mammalian Bone Marrow Chromosome Aberration Test)

Hazardous components: Methacrylic acid, monoester with propane-1,2-diol

CAS-No.: 27813-02-1

Result: negative

Type of study / Route of administration: bacterial reverse mutation assay (e.g Ames test)

Metabolic activation / Exposure time: with and without

Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay)

Result: negative

Type of study / Route of administration: mammalian cell gene mutation assay

Metabolic activation / Exposure time: with and without

Method: OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)

Hazardous components: Methacrylic acid, monoester with propane-1,2-diol

CAS-No.: 27813-02-1

Result: negative

Type of study / Route of administration: oral: gavage

Species: rat

Method: OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

Hazardous components: maleic acid

CAS-No.: 110-16-7

Result: negative

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Type of study / Route of administration: bacterial reverse mutation assay (e.g Ames test)
Metabolic activation / Exposure time: no data
Method: Ames Test

Result: negative

Type of study / Route of administration: mammalian cell gene mutation assay
Metabolic activation / Exposure time: with and without
Method: OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)

12. Ecological information

Ecological information

General ecological information:

Do not empty into drains / surface water / ground water.

Bioaccumulative potential / Mobility in soil:

Hazardous components / CAS-No. / LogPow / Bioconcentration factor (BCF) / Temperature / Method

3,3,5 Trimethylcyclohexyl methacrylate 7779-31-9 5.25 - 20 °C OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)

2-Hydroxyethyl methacrylate 868-77-9 0.42 - 25 °C OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)

Acrylic acid 79-10-7 - 3.16 - QSAR (Quantitative Structure Activity Relationship)

Acrylic acid 79-10-7 0.46 - 25 °C OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)

Methacrylic acid, monoester with propane-1,2-diol 27813-02-1 0.97 - 20 °C not specified

maleic acid 110-16-7 -1.3 - 20 °C OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)

Ecotoxicity

Hazardous components / CAS-No. / Value type / Value / Acute Toxicity Study / Exposure time / Species / Method

3,3,5 Trimethylcyclohexyl methacrylate 7779-31-9 LC50 1.9 mg/l Fish 96 h Brachydanio rerio (new name: Danio rerio) OECD Guideline 203 (Fish, Acute Toxicity Test)

3,3,5 Trimethylcyclohexyl methacrylate 7779-31-9 EC50 14.43 mg/l Daphnia 48 h Daphnia magna OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

3,3,5 Trimethylcyclohexyl methacrylate 7779-31-9 EC10 0.43 mg/l Algae 72 h Pseudokirchneriella subcapitata OECD Guideline 201 (Alga, Growth Inhibition Test)

2-Hydroxyethyl methacrylate 868-77-9 LC50 > 100 mg/l Fish 96 h Oryzias latipes OECD Guideline 203 (Fish, Acute Toxicity Test)

2-Hydroxyethyl methacrylate 868-77-9 EC50 380 mg/l Daphnia 48 h Daphnia magna OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

2-Hydroxyethyl methacrylate 868-77-9 EC50 836 mg/l Algae 72 h Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata) OECD Guideline 201 (Alga, Growth Inhibition Test)

2-Hydroxyethyl methacrylate 868-77-9 NOEC 400 mg/l Algae 72 h Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata) OECD Guideline 201 (Alga, Growth Inhibition Test)

2-Hydroxyethyl methacrylate 868-77-9 EC0 > 3,000 mg/l Bacteria 16 h Pseudomonas fluorescens other guideline:

Acrylic acid 79-10-7 LC50 27 mg/l Fish 96 h Salmo gairdneri (new name: Oncorhynchus mykiss) EPA OTS 797.1400 (Fish Acute Toxicity Test)

Acrylic acid 79-10-7 EC50 95 mg/l Daphnia 48 h Daphnia magna EPA OTS 797.1300 (Aquatic Invertebrate Acute Toxicity Test, Freshwater Daphnids)

Acrylic acid 79-10-7 EC10 0.03 mg/l Algae 72 h Scenedesmus subspicatus (new name: Desmodesmus subspicatus) EU Method C.3 (Algal Inhibition test)

Acrylic acid 79-10-7 EC50 0.13 mg/l Algae 72 h Scenedesmus subspicatus (new name: Desmodesmus subspicatus) EU Method C.3 (Algal Inhibition test)

Acrylic acid 79-10-7 EC20 900 mg/l Bacteria 30 min activated sludge, domestic ISO 8192 (Test for Inhibition of Oxygen Consumption by Activated Sludge)

Methacrylic acid, monoester with propane-1,2-diol 27813-02-1 LC50 493 mg/l Fish 48 h Leuciscus idus melanotus DIN 38412-15

Methacrylic acid, monoester with propane-1,2-diol 27813-02-1 EC50 > 143 mg/l Daphnia 48 h Daphnia magna OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Methacrylic acid, monoester with propane-1,2-diol 27813-02-1 EC50 > 97.2 mg/l Algae 72 h Pseudokirchneriella subcapitata OECD Guideline 201 (Alga, Growth Inhibition Test)

Methacrylic acid, monoester with propane-1,2-diol 27813-02-1 NOEC > 97.2 mg/l Algae 72 h Pseudokirchneriella subcapitata OECD Guideline 201 (Alga, Growth Inhibition Test)

Methacrylic acid, monoester with propane-1,2-diol 27813-02-1 EC10 1,140 mg/l Bacteria 16 h - not specified

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maleic acid 110-16-7 LC50 > 245 mg/l Fish 48 h *Leuciscus idus* DIN 38412-15

maleic acid 110-16-7 EC50 42.81 mg/l *Daphnia* 48 h *Daphnia magna* OECD Guideline 202 (*Daphnia* sp. Acute Immobilisation Test)

maleic acid 110-16-7 EC50 74.35 mg/l Algae 72 h *Pseudokirchneriella subcapitata* OECD Guideline 201 (Alga, Growth Inhibition Test)

maleic acid 110-16-7 EC10 11.8 mg/l Algae 72 h *Pseudokirchneriella subcapitata* OECD Guideline 201 (Alga, Growth Inhibition Test)

maleic acid 110-16-7 EC10 44.6 mg/l Bacteria 18 h *Pseudomonas putida* DIN 38412, part 8 (*Pseudomonas* Zellvermehrungshemm-Test)

Persistence and degradability

Hazardous components / CAS-No. / Result / Route of application / Degradability / Method

3,3,5 Trimethylcyclohexyl methacrylate 7779-31-9 not readily biodegradable. aerobic 16.8 % OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)

2-Hydroxyethyl methacrylate 868-77-9 readily biodegradable aerobic 92 - 100 % OECD Guideline 301 C (Ready Biodegradability: Modified MITI Test (I))

Acrylic acid 79-10-7 inherently biodegradable aerobic 100 % OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)

Acrylic acid 79-10-7 readily biodegradable aerobic 81 % OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)

Methacrylic acid, monoester with propane-1,2-diol 27813-02-1 readily biodegradable aerobic 94.2 % OECD Guideline 301 E (Ready biodegradability: Modified OECD Screening Test)

maleic acid 110-16-7 readily biodegradable aerobic 97.08 % OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)

13. Disposal considerations

Waste Disposal

Collection and delivery to recycling enterprise or other registered elimination institution.

Dispose of according to Federal, State and local governmental regulations.

Container Disposal

Disposal for uncleaned package:

After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.

14. Transport information

U.N. Number

None Allocated

UN proper shipping name

None Allocated

Transport hazard class(es)

None Allocated

UN Number (Air Transport, ICAO)

NCAD

IATA/ICAO Proper Shipping Name

Not dangerous for conveyance under IATA code

IMDG UN No

NCAD

IMDG Proper Shipping Name

Not dangerous for conveyance under IMO/IMDG code

Other Information

Road and Rail Transport:

Dangerous Goods information:

Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Marine transport IMDG:

Not dangerous goods

Air transport IATA:

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Not dangerous goods

15. Regulatory information

Regulatory information

SUSMP Poisons Schedule"

None

Poisons Schedule

Not Scheduled

16. Other Information

User Codes

User Title Label	User Codes
Wis Numbers	00314623

Revisions Highlighted

Reason for issue:

Reviewed SDS. Reissued with new date. involved chapters: 2,3,9,12,15,16

Other Information

SDS No. : 450822

V001.3

Abbreviations/acronyms:

ADGC - Australian Dangerous Goods Code

GHS: Globally Harmonized System

CAS: Chemical Abstracts Service

STEL - Short term exposure limit

TWA - Time weighted average

OECD: Organization for Economic Cooperation and Development

LD 50: Lethal Dose 50%

LC 50: Lethal Concentration 50%

IMDG: International Maritime Dangerous Goods code

IATA-DGR: International Air Transport Association – Dangerous Goods Regulations

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END OF SDS

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