

# SAFETY DATA SHEET

**LOCTITE 518**

Infosafe No.: 1LO15

ISSUED Date : 08/02/2023

ISSUED by: HENKEL AUSTRALIA PTY LTD

## Section 1 - Identification

**Product Identifier**

LOCTITE 518

**Company Name**

HENKEL AUSTRALIA PTY LTD

**Address**135-141 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**

Intended use: Adhesive

**Other Names**

Name	Product Code
LOCTITE 518	SDS No.: 153499

## Section 2 - Hazard(s) Identification

**GHS classification of the substance/mixture**

Acute toxicity: Category 4 - Inhalation

Eye damage/irritation: Category 2A

Sensitisation - skin: Category 1

Specific target organ toxicity (single exposure): Category 3 (Respiratory tract irritation)

Hazardous to the Aquatic Environment - Acute Hazard: Category 3

Hazardous to the Aquatic Environment - Long-Term Hazard: Category 1

**Signal Word (s)**

WARNING

**Hazard Statement (s)**

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H402 Harmful to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

**Pictogram (s)**

Exclamation mark, Environment

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### Precautionary Statement – Prevention

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
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(w) Wear protective gloves, eye protection, and face protection.

### Precautionary Statement – Response

P302+P352 IF ON SKIN: Wash with plenty of water.  
P304+P312 IF INHALED: Call a POISON CENTER/doctor/or physician if you feel unwell.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P391 Collect spillage.

### 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.

### Precautionary Statement – General

Not Applicable

### Other Information

Dangerous Goods information:

Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Exempt under Special Provision AU01 : Environmentally Hazardous Substances meeting the descriptions of UN3077 or UN3082 are not subject to this Code when transported by road or rail in;

- a) Packagings that do not incorporate a receptacle exceeding 500 kg (L); or
- b) Intermediate Bulk Containers

## Section 3 - Composition and Information on Ingredients

### Ingredients

Name	CAS	Proportion
Propane-1,2-diol	57-55-6	<10 %
Non hazardous ingredients~		60-<=100 %
1,1'-(methylenedi-p-phenylene)bismaleimide	13676-54-5	0.1-<10 %
Silica, amorphous, fumed, cryst.-free	112945-52-5	<10 %
$\alpha$ , $\alpha$ -dimethylbenzyl hydroperoxide	80-15-9	1-<3 %
Acetic acid, 2-phenylhydrazide	114-83-0	<1 %

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### Information on Composition

Type of preparation: Anaerobic Sealant

### Preparation Description

General chemical description: Mixture

## Section 4 - First Aid Measures

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### Inhalation

Move to fresh air.

Seek medical advice.

### Ingestion

Do not induce vomiting.

Rinse out mouth. Do not drink.

Seek medical advice.

### Skin

Rinse with running water and soap.

Seek medical advice.

### Eye

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

Seek medical advice.

### 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.

## Section 5 - Firefighting Measures

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### Suitable Extinguishing Media

Carbon dioxide, foam, powder

### Hazards from Combustion Products

Decomposition products in case of fire:

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

Oxides of carbon, oxides of nitrogen, irritating organic vapors.

### Special Protective Equipment for fire fighters

Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

### Specific Methods

Additional fire fighting advice:

In case of fire, keep containers cool with water spray.

Collect contaminated fire fighting water separately. It must not enter drains.

### Hazchem Code

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### Precautions in connection with Fire

Do not expose to direct heat.

## Section 6 - Accidental Release Measures

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### Personal Precautions

Avoid skin and eye contact.

Wear protective equipment.

Ensure adequate ventilation.

See advice in section 8(Exposure Controls/Personal Protection)

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### 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 let product enter drains.

## Section 7 - Handling and Storage

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### Precautions for Safe Handling

Use only in well-ventilated areas.

Prolonged or repeated skin contact should be avoided to minimise any risk of sensitisation.

Avoid skin and eye contact.

### Conditions for safe storage, including any incompatibilities

Store in original containers at 8-21°C (46.4-69.8°F) and do not return residual materials to containers as contamination may reduce the shelf life of the bulk product.

## Section 8 - Exposure Controls and Personal Protection

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### Occupational exposure limit values

Ingredient [Regulated substance]: SILICA, AMORPHOUS: FUMED SILICA (RESPIRABLE DUST) 112945-52-5

form of exposure: Respirable dust.

TWA (mg/m<sup>3</sup>): 2

Ingredient [Regulated substance]: FUMED SILICA (RESPIRABLE DUST) 112945-52-5

form of exposure: Respirable dust.

TWA (mg/m<sup>3</sup>): 2

Ingredient [Regulated substance]: FUMED SILICA (RESPIRABLE DUST) 112945-52-5

form of exposure: Inhalable dust

TWA (mg/m<sup>3</sup>): 10

Ingredient [Regulated substance]: PROPANE-1,2-DIOL TOTAL: (VAPOUR & PARTICULATES) 57-55-6

form of exposure: Total vapour and particulates.

TWA (ppm): 150

TWA (mg/m<sup>3</sup>): 474

Ingredient [Regulated substance]: PROPANE-1,2-DIOL: PARTICULATES ONLY 57-55-6

form of exposure: Particulate.

TWA (mg/m<sup>3</sup>): 10

### Engineering Controls

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

### Respiratory Protection

Use only in well-ventilated areas.

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

### Eye and Face Protection

Wear protective glasses.

### Body Protection

Skin protection:

Wear suitable protective clothing.

Suitable protective gloves.

Butyl rubber gloves.

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.

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### Section 9 - Physical and Chemical Properties

Properties	Description	Properties	Description
Form	Gel	Appearance	Pink Gel
Odour	Acrylic	Melting/Freezing Point	Not applicable, Product is a liquid
Boiling Point	>150°C >302°F	Solubility in Water	Slightly soluble
Specific Gravity	1.178	pH	Not applicable, Product is non-soluble (in water).
Vapour Pressure	(; 27 °C (80.6 °F); 20 °C (68 °F)) < 5 mm hg < 10 hPa	Relative Vapour Density (Air=1)	>1
Density	1.178 g/cm <sup>3</sup>	Flash Point	>93°C >199.4°F (Estimated)
Dynamic Viscosity	(; 25 °C (77 °F); Method;;; LCT STM 10; Viscosity Brookfield)(; 20 °C (68 °F); Method;;; LCT STM 10; Viscosity Brookfield) 40,000 -140,000 mPa.s200,000 -750,000 mPa.s		

#### Other Information

VOC content: (2010/75/EC) :

2 %(VOCV 814.018 VOC regulation CH)

< 3 %

### Section 10 - Stability and Reactivity

#### Chemical Stability

Stable under recommended storage conditions.

#### Conditions to Avoid

Avoid contact with incompatible substances, excessive heat, flames or other ignition sources.

#### Incompatible Materials

Reaction with strong acids.

Reacts with strong oxidants.

#### Hazardous Decomposition Products

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

Irritating organic vapours.

carbon oxides.

Sulphur oxides

nitrogen oxides

### Section 11 - Toxicological Information

#### Toxicology Information

Acute toxicity:

Hazardous componentsCAS-No./ Value type / Value / Route of application / Exposure time / Species / Method

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1,1'-(methylenedi-p-phenylene)bismaleimide 13676-54-5

LD50 > 2,000 mg/kg oral 4 h rat OECD Guideline 423 (Acute Oral toxicity)

LC50 0.515 -1 mg/l inhalation 4 h rat OECD Guideline 436 (Acute Inhalation Toxicity: Acute Toxic Class (ATC) Method)

Acute toxicity estimate (ATE) 0.515 mg/l inhalation 4 h Expert judgement

LD50 > 5,400 mg/kg dermal 4 h rat not specified

Silica, amorphous, fumed, cryst.-free 112945-52-5

LD50 > 5,000 mg/kg oral 4 h rat OECD Guideline 401 (Acute Oral Toxicity)

LC0 0.139 mg/l inhalation 4 h rat not specified

LD50 > 2,000 mg/kg dermal 4 h rabbit OECD Guideline 402 (Acute Dermal Toxicity)

a, a-dimethylbenzyl hydroperoxide 80-15-9

LD50 382 mg/kg oral 4 h rat other guideline:

LC50 1.370 mg/l inhalation 4 h rat not specified

Acute toxicity estimate (ATE) 1,100 mg/kg dermal 4 h Expert judgement

Propane-1,2-diol 57-55-6

LD50 22,000 mg/kg oral 2 h rat not specified

LC50 > 317.042 mg/l inhalation 2 h rabbit not specified

LD50 > 2,000 mg/kg dermal 2 h rabbit not specified

Acetic acid, 2-phenylhydrazide 114-83-0

LD50 270 mg/kg oral rat not specified

### Ingestion

May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

### Inhalation

Irritates the nose, throat and respiratory system.

Can cause nausea and respiratory irritation, dizziness, weakness, fatigue, headache, narcosis, loss of appetite and possible unconsciousness.

### Skin

May cause mild skin irritation.

Contact with skin can cause irritation and allergic reaction (sensitization) in some individuals.

### Skin Corrosion/Irritation

Hazardous components: Silica, amorphous, fumed, cryst.-free

CAS-No.: 112945-52-5

Result: not irritating

Exposure time: 4 h

Species: rabbit

Method: OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Hazardous components: a, a-dimethylbenzyl hydroperoxide

CAS-No.: 80-15-9

Result: corrosive

Species: rabbit

Method: Draize Test

Hazardous components: Propane-1,2-diol

CAS-No.: 57-55-6

Result: not irritating

Exposure time: 4 h

Species: rabbit

Method: OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

### Eye

Causes serious eye irritation.

Symptoms may include severe irritation, pain, tearing, blurred vision.

### Serious Eye Damage/Irritation

Hazardous components: 1,1'-(methylenedi-p-phenylene)bismaleimide

CAS-No.: 13676-54-5

Result: not irritating

Species: rabbit

Method: OECD Guideline 405 (Acute Eye Irritation / Corrosion)

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Hazardous components: Silica, amorphous, fumed, cryst.-free  
CAS-No.: 112945-52-5  
Result: not irritating  
Species: rabbit  
Method: OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Hazardous components: Propane-1,2-diol  
CAS-No.: 57-55-6  
Result: not irritating  
Species: rabbit  
Method: OECD Guideline 405 (Acute Eye Irritation / Corrosion)

### Skin Sensitisation

Hazardous components: 1,1'-(methylenedi-p-phenylene)bismaleimide  
CAS-No.: 13676-54-5  
Result: sensitising  
Test type: Guinea pig maximisation test  
Species: guinea pig  
Method: OECD Guideline 406 (Skin Sensitisation)

Hazardous components: Propane-1,2-diol  
CAS-No.: 57-55-6  
Result: not sensitising  
Test type: Guinea pig maximisation test  
Species: guinea pig  
Method: equivalent or similar to OECD Guideline 406 (Skin Sensitisation)

### Germ Cell Mutagenicity

Hazardous components: 1,1'-(methylenedi-p-phenylene)bismaleimide  
CAS-No.: 13676-54-5  
Result: negative  
Type of study / Route of administration: in vitro mammalian cell micronucleus test  
Metabolic activation / Exposure time: with and without  
Method: OECD Guideline 487 (In vitro Mammalian Cell Micronucleus Test)

Hazardous components: Silica, amorphous, fumed, cryst.-free  
CAS-No.: 112945-52-5  
Result: negative  
Type of study / Route of administration: bacterial reverse mutation assay (e.g Ames test)  
Species:  
Method: not specified

Result: negative  
Type of study / Route of administration: in vitro mammalian chromosome aberration test  
Species:  
Method: not specified

Result: negative  
Type of study / Route of administration: DNA damage and repair assay, unscheduled DNA synthesis in mammalian cells in vitro  
Species:  
Method: not specified

Hazardous components: a, a-dimethylbenzyl hydroperoxide  
CAS-No.: 80-15-9  
Result: positive  
Type of study / Route of administration: bacterial reverse mutation assay (e.g Ames test)  
Metabolic activation / Exposure time: without  
Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay)

Hazardous components: a, a-dimethylbenzyl hydroperoxide  
CAS-No.: 80-15-9

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Result: negative  
Type of study / Route of administration: dermal  
Species: mouse  
Method: not specified

Hazardous components: Propane-1,2-diol  
CAS-No.: 57-55-6  
Result: negative  
Type of study / Route of administration: bacterial reverse mutation assay (e.g Ames test)  
Metabolic activation / Exposure time: without  
Method: Ames Test

Result: negative  
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)

Hazardous components: Propane-1,2-diol  
CAS-No.: 57-55-6  
Result: negative  
Type of study / Route of administration: oral: gavage  
Species: rat  
Method: not specified

Result: negative  
Type of study / Route of administration: intraperitoneal  
Species: mouse  
Method: not specified

Result: negative  
Type of study / Route of administration: oral: gavage  
Species: rat  
Method: not specified

### Other Information

Repeated dose toxicity:  
Hazardous components CAS-No. / Result / Route of application / Exposure time / Frequency of treatment / Species / Method  
a, a-dimethylbenzyl hydroperoxide 80-15-9  
inhalation: aerosol 6 h/d5 d/w rat not specified  
Propane-1,2-diol 57-55-6  
NOAEL=1,700 mg/kg oral: feed 2 years daily rat not specified  
Propane-1,2-diol 57-55-6  
NOAEL=1000 mg/m3 inhalation 90 d 6 h/d, 5 d/w rat not specified

## Section 12 - Ecological Information

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### Ecological Information

General ecological information: Cured Loctite products are typical polymers and do not pose any immediate environmental hazards., Precautions required with respect to Environmental  
Hazards of articles in which this product is used should be considered., Do not empty into drains / surface water / ground water.

### Ecotoxicity

Harmful to aquatic life.

### Persistence and degradability

Hazardous components: 1,1'-(methylenedi-p-phenylene)bismaleimide  
CAS-No.: 13676-54-5  
Result: not readily biodegradable.  
Route of application: aerobic  
Degradability: 0 %  
Method: OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)



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Hazardous components: a, a-dimethylbenzyl hydroperoxide

CAS-No.: 80-15-9

Result: not readily biodegradable.

Route of application: aerobic

Degradability: 3 %

Method: OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)

Hazardous components: Propane-1,2-diol

CAS-No.: 57-55-6

Result: readily biodegradable

Route of application: aerobic

Degradability: > 81.7 - 100 %

Method: OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)

### Bioaccumulative Potential

Hazardous components: 1,1'-(methylenedi-p-phenylene)bismaleimide

CAS-No.: 13676-54-5

LogKow: 1.5

Temperature: 25 °C

Method: OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)

Hazardous components: a, a-dimethylbenzyl hydroperoxide

CAS-No.: 80-15-9

Bioconcentration factor (BCF): 9.1

Species : calculation

Method: OECD Guideline 305 (Bioconcentration: Flow-through Fish Test)

Hazardous components: a, a-dimethylbenzyl hydroperoxide

CAS-No.: 80-15-9

LogKow: 1.6

Temperature: 25 °C

Method: OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)

Hazardous components: Propane-1,2-diol

CAS-No.: 57-55-6

LogKow: -1.07

Temperature: 20.5 °C

Method: EU Method A.8 (Partition Coefficient)

Hazardous components: Acetic acid, 2-phenylhydrazide

CAS-No.: 114-83-0

LogKow: 0.74

Method: not specified

### Acute Toxicity - Fish

Hazardous components: 1,1'-(methylenedi-p-phenylene)bismaleimide

CAS-No.: 13676-54-5

Value type: LC50

Value: Toxicity > Water solubility

Acute Toxicity Study: Fish

Exposure time: 96 h

Species: Carassius sp.

Method: OECD Guideline 203 (Fish, Acute Toxicity Test)

Hazardous components: Silica, amorphous, fumed, cryst.-free

CAS-No.: 112945-52-5

Value type: LC50

Value: > 10,000 mg/l

Acute Toxicity Study: Fish

Exposure time: 96 h

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Species: Brachydanio rerio (new name: Danio rerio)  
Method: OECD Guideline 203 (Fish, Acute Toxicity Test)

Hazardous components: a, a-dimethylbenzyl hydroperoxide  
CAS-No.: 80-15-9  
Value type: LC50  
Value: 3.9 mg/l  
Acute Toxicity Study: Fish  
Exposure time: 96 h  
Species: Oncorhynchus mykiss  
Method: OECD Guideline 203 (Fish, Acute Toxicity Test)

Hazardous components: Propane-1,2-diol  
CAS-No.: 57-55-6  
Value type: LC50  
Value: 51,600 mg/l  
Acute Toxicity Study: Fish  
Exposure time: 48 h  
Species: Leuciscus idus  
Method: DIN 38412-15

### Acute Toxicity - Daphnia

Hazardous components: 1,1'-(methylenedi-p-phenylene)bismaleimide  
CAS-No.: 13676-54-5  
Value type: EC50  
Value: Toxicity > Water solubility  
Acute Toxicity Study: Daphnia  
Exposure time: 48 h  
Species: Daphnia magna  
Method: OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Hazardous components: a, a-dimethylbenzyl hydroperoxide  
CAS-No.: 80-15-9  
Value type: EC50  
Value: 18.84 mg/l  
Acute Toxicity Study: Daphnia  
Exposure time: 48 h  
Species: Daphnia magna  
Method: OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Hazardous components: Propane-1,2-diol  
CAS-No.: 57-55-6  
Value type: EC50  
Value: 18,340 mg/l  
Acute Toxicity Study: Daphnia  
Exposure time: 48 h  
Species: Ceriodaphnia dubia  
Method: other guideline:

### Acute Toxicity - Algae

Hazardous components: 1,1'-(methylenedi-p-phenylene)bismaleimide  
CAS-No.: 13676-54-5  
Value type: NOEC  
Value: Toxicity > Water solubility  
Acute Toxicity Study: Algae  
Exposure time: 72 h  
Species: Pseudokirchneriella subcapitata  
Method: OECD Guideline 201 (Alga, Growth Inhibition Test)

Hazardous components: 1,1'-(methylenedi-p-phenylene)bismaleimide  
CAS-No.: 13676-54-5

Value type: EC50  
Value: Toxicity > Water solubility  
Acute Toxicity Study: Algae  
Exposure time: 72 h  
Species: *Pseudokirchneriella subcapitata*  
Method: OECD Guideline 201 (Alga, Growth Inhibition Test)

Hazardous components: a, a-dimethylbenzyl hydroperoxide  
CAS-No.: 80-15-9  
Value type: EC50  
Value: 3.1 mg/l  
Acute Toxicity Study: Algae  
Exposure time: 72 h  
Species: *Desmodesmus subspicatus* (reported as *Scenedesmus subspicatus*)  
Method: OECD Guideline 201 (Alga, Growth Inhibition Test)

Hazardous components: a, a-dimethylbenzyl hydroperoxide  
CAS-No.: 80-15-9  
Value type: NOEC  
Value: 1 mg/l  
Acute Toxicity Study: Algae  
Exposure time: 72 h  
Species: *Desmodesmus subspicatus* (reported as *Scenedesmus subspicatus*)  
Method: OECD Guideline 201 (Alga, Growth Inhibition Test)

Hazardous components: Propane-1,2-diol  
CAS-No.: 57-55-6  
Value type: EC50  
Value: 24,200 mg/l  
Acute Toxicity Study: Algae  
Exposure time: 72 h  
Species: *Pseudokirchneriella subcapitata*  
Method: OECD Guideline 201 (Alga, Growth Inhibition Test)

Hazardous components: Propane-1,2-diol  
CAS-No.: 57-55-6  
Value type: NOEC  
Value: 15,000 mg/l  
Acute Toxicity Study: Algae  
Exposure time: 14 d  
Species: *Pseudokirchneriella subcapitata*  
Method: OECD Guideline 201 (Alga, Growth Inhibition Test)

**Acute Toxicity - Bacteria**

Hazardous components: 1,1'-(methylenedi-p-phenylene)bismaleimide  
CAS-No.: 13676-54-5  
Value type: EC50  
Value: Toxicity > Water solubility  
Acute Toxicity Study: Bacteria  
Exposure time: 3 h  
Species: activated sludge of a predominantly domestic sewage  
Method: OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

Hazardous components: a, a-dimethylbenzyl hydroperoxide  
CAS-No.: 80-15-9  
Value type: EC10  
Value: 70 mg/l  
Acute Toxicity Study: Bacteria  
Exposure time: 30 min  
Method: not specified

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Hazardous components: Propane-1,2-diol  
CAS-No.: 57-55-6  
Value type: EC50  
Value: > 1,000 mg/l  
Acute Toxicity Study: Bacteria  
Exposure time: 3 h  
Species: activated sludge  
Method: OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

### Section 13 - Disposal Considerations

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#### Waste Disposal

Waste disposal of product:

Dispose of in accordance with local and national regulations. Contribution of this product to waste is very insignificant in comparison to article in which it is used

#### Container Disposal and Methods

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.

### Section 14 - Transport Information

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#### UN Number

3082

#### Proper Shipping Name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(1,1'-(Methylenedi-p-phenylene)bismaleimide)

#### Transport Hazard Class

9

#### Packing Group

III

#### Hazchem Code

•3Z

#### IERG Number

47

#### IATA UN Number

3082

#### IATA Proper Shipping Name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(1,1'-(Methylenedi-p-phenylene)bismaleimide)

#### IATA Transport Hazard Class

9

#### IATA Packing Group

III

#### IMDG UN Number

3082

#### IMDG Proper Shipping Name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(1,1'-(Methylenedi-p-phenylene)bismaleimide)

#### IMDG Transport Hazard Class

9

#### IMDG Packing Group

III

#### Additional Information

Road and Rail Transport:

Dangerous Goods information:

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Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Exempt under Special Provision AU01 : Environmentally Hazardous Substances meeting the descriptions of UN3077 or UN3082 are not subject to this Code when transported by road or rail in;

a) Packagings that do not incorporate a receptacle exceeding 500 kg (L); or

b) Intermediate Bulk Containers.

UN no.: 3082

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(1,1'-(Methylenedi-p-phenylene)bismaleimide)

Class or division: 9

Packing group: III

Emergency information: Exempt under Special Provision AU01 : Environmentally Hazardous Substances meeting the descriptions of UN3077 or UN3082 are not subject to this Code when transported by road or rail in;

a) Packagings that do not incorporate a receptacle exceeding 500 kg (L); or

b) Intermediate Bulk Containers.

Marine transport IMDG:

UN no.: 3082

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(1,1'-(Methylenedi-p-phenylene)bismaleimide)

Class or division: 9

Packing group: III

EmS: F-A,S-F

Seawater pollutant: Marine pollutant

Air transport IATA:

UN no.: 3082

Proper shipping name: Environmentally hazardous substance, liquid, n.o.s.(1,1'-(Methylenedi-p-phenylene)bismaleimide)

Class or division: 9

Packing group: III

Packing instructions (passenger) 964

Packing instructions (cargo) 964

Further information for transport:

The transport classifications in this section apply generally to packed and bulk goods alike. For containers with a net volume of no more than 5 L for liquid substances or a net mass of no more than 5 kg for solid substances per individual or inner package, the exemptions SP 375 (ADR), A197 (IATA), 2.10.2.7 (IMDG) may be applied, which can result in a deviation from the transport classification for packed goods.

## Section 15 - Regulatory Information

### Poisons Schedule

Not Scheduled

### Global Inventory Status

Country/Region Inventory	Status Description	Country/Region Inventory	Status Description
Australia (AICS/AIIC)	AIIC: All components are listed or are exempt from listing on the Australian Inventory of Industrial Chemicals or Introduced under AICIS.		

## Section 16 - Any Other Relevant Information

### Revisions Made

Reason for issue: Reviewed SDS. Reissued with new date.involves chapters:1-16

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### User Codes

User Title Label	User Codes
Wis Numbers	00057120
Wis Numbers	00138044
Wis Numbers	05895113

### Other Information

SDS No. : 153499

Abbreviations/acronyms:

ADGC - Australian Dangerous Goods Code

GHS: Globally Harmonized System

CAS: Chemical Abstracts Service

OECD: Organization for Economic Cooperation and Development

NOAEL: No Observed Adverse Effect Level

LD 50: Lethal Dose 50%

LC 50: Lethal Concentration 50%

IMDG: International Maritime Dangerous Goods code

STEL - Short term exposure limit

TWA - Time weighted average

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

AIIC-Australian Inventory of Industrial Chemicals (AIIC)

AICIS-Australian Industrial Chemicals Introduction Scheme

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## END OF SDS

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