

Safety Data Sheet in accordance with HSNO

Date of issue: 28.11.2025

Version Number: 2.0

Revision Date: 28.11.2025

1 Identification of the substance or mixture and of the supplier

Other means of identification

Trade name: ***Silcor 780 HI-LP (Polyol)***

Relevant identified uses of the substance or mixture, and uses advised against:

No further relevant information available.

Relevant identified uses of the substance or mixture: Waterproofing

Identified uses advised against: No further relevant information available.

Details of the supplier of the safety data sheet:

Manufacturer/supplier:

GCP Australia Pty. Ltd.
14 Colebard Street West
Archerfield, Queensland 4108
Australia

Tel: 1800 334 444
Fax: +61 7-3275-7801

Further information obtainable from: APMSDS@gcpat.com

Emergency telephone number:

CHEMWATCH - 00 800 2436 2255 (free call)
National Poison Centre - 0800 764-766 (0800 POISON)

2 Hazards identification

Classification of the substance or mixture:

Eye irritation Category 2

H319 Causes serious eye irritation.

Specific target organ toxicity - repeated exposure Category 2

H373 May cause damage to organs through prolonged or repeated exposure.

Hazardous to the aquatic environment chronic Category 2

H411 Toxic to aquatic life with long lasting effects.

Label elements:

GHS label elements The product is classified and labelled according to the Globally Harmonized System (GHS).

Hazard pictograms



GHS07 GHS08 GHS09

Signal word Warning

Hazard-determining components of labelling:

Diethylmethylbenzenediamine

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Hazard statements

Causes serious eye irritation.
May cause damage to organs through prolonged or repeated exposure.
Toxic to aquatic life with long lasting effects.

Precautionary statements

Do not breathe dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Avoid release to the environment.
Wear eye protection / face protection.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Get medical advice/attention if you feel unwell.
If eye irritation persists: Get medical advice/attention.
Collect spillage.
Dispose of contents/container in accordance with local/regional/national/international regulations.

Information concerning particular hazards for human and environment:

Description of Classification:

Classified as Hazardous Substance according to the criteria of the New Zealand Hazardous Substance New Organisms legislation.

HSNO Group Standard : Construction Products (Subsidiary Hazard) Group Standard 2017

HSNO Approval Number : HSR002544

Other hazards:

Results of PBT and vPvB assessment:

PBT: Not applicable.
vPvB: Not applicable.

3 Composition/Information on ingredients

Chemical characterization: Mixture:

Description: Mixture of substances listed below with non-hazardous additions.

Dangerous components:

Dangerous components:		
68479-98-1	Diethylmethylbenzenediamine Specific target organ toxicity - repeated exposure Category 2, H373 Hazardous to the aquatic environment acute Category 1, H400; Hazardous to the aquatic environment chronic Category 1, H410 Acute oral toxicity Category 4, H302; Acute dermal toxicity Category 4, H312; Eye irritation Category 2, H319	10-<20%

4 First aid measures

General information: Get medical advice/attention if you feel unwell.

After inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

After skin contact: Wash with plenty of soap and water.

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After eye contact: Rinse cautiously with water for several minutes.

After swallowing:

Rinse mouth.

Do NOT induce vomiting.

Call for a doctor immediately.

Information for doctor:

Most important symptoms and effects, both acute and delayed: Irritating to eyes.

Indication of any immediate medical attention and special treatment needed:

No further relevant information available.

5 Fire fighting measures

Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray.

Special hazards arising from the substance or mixture:

During heating or in case of fire poisonous gases are produced.

Protective equipment: Wear self-contained respiratory protective device.

Additional information:

Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation.

Wear protective equipment. Keep unprotected persons away.

Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.

Methods and material for containment and cleaning up:

Send for recovery or disposal in suitable receptacles.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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7 Handling and storage**HANDLING****Precautions for safe handling:**

- Prevent formation of aerosols.
- Do not eat, drink or smoke when using this product.
- Store in a well-ventilated place. Keep container tightly closed.
- Keep only in original packaging.
- Use only outdoors or in a well-ventilated area.

Information about fire - and explosion protection: No special measures required.**STORAGE****Requirements to be met by storerooms and receptacles:** No special requirements.**Information about storage in one common storage facility:** Keep respiratory protective device available.**Further information about storage conditions:**

- Keep container tightly sealed.
- Protect from frost.
- Store in a dry place.
- Keep cool.

Specific end use(s): No further relevant information available.**8 Exposure controls/personal protection****Appropriate engineering controls** No further data; see section 7.**Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: Based on the lists valid at the date of SDS creation.**PERSONAL PROTECTIVE EQUIPMENT****General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection:

Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

Protection of hands: Protective gloves.**Material of gloves:** Rubber gloves.

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Penetration time of glove material:

The exact breakthrough time has to be determined by the manufacturer of the protective gloves and has to be observed.

Eye protection:



Safety glasses with side shield protection.

Body protection:

Use personal protective equipment as required.

Take off contaminated clothing.

9 Physical and chemical properties

GENERAL INFORMATION

Appearance:

Form:	Liquid.
Colour:	Coloured
Odour:	Slight Musty
Odour threshold:	Not determined.
pH-value (~):	Not determined.

Change in conditions:-

Melting point/Melting range: Undetermined.

Initial boiling point and boiling range: >308.3 °C

Flash point: >169 °C

Flammability: Not applicable.

Auto-ignition temperature: Not determined.

Decomposition temperature: Not determined.

Ignition temperature: Not determined.

Explosive properties: Product does not present an explosion hazard.

Lower: Not determined.

Upper: Not determined.

Vapour pressure: Not determined.

Density at 20 °C: 1.03 g/cm³

Vapour density: Not determined.

Evaporation rate: Not determined.

Solubility in/Miscibility with:-

Water: Insoluble.

Partition coefficient: n-octanol/water: Not determined.

VISCOSITY at 25 °C 600 ± 300 cps

Dynamic: Not determined.

Kinematic: Not determined.

Other information:

Particle characteristics: Not applicable.

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Physical state

Liquid

10 Stability and reactivity

Reactivity:

Stable under normal conditions.

No further relevant information available.

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Possibility of hazardous reactions

May vent and release flammable gas at high temperature.

May explode when exposed to high temperature or heated.

Conditions to avoid:

Avoid contact with incompatible materials and condition.

Avoid accumulation of electrostatic charges, Heating, Flames and hot surfaces.

Avoid heat, sparks, open flames and other ignition sources.

Incompatible materials: Flammable materials, Reducing agents.**Hazardous decomposition products:**

Carbon monoxide and carbon dioxide

May emit flammable vapour, fume, hazardous gas if involved in fire.

11 Toxicological information

Information on toxicological effects:**ACUTE TOXICITY** Based on available data, the classification criteria are not met.**LD/LC50 values relevant for classification:****68479-98-1 Diethylmethylenediamine**

LC50, 48h	0.5 mg/l (daphnia magna)
	1.94 mg/l (fish)

Primary irritant effect**Skin corrosion/irritation** Based on available data, the classification criteria are not met.**Serious eye damage/irritation** Causes serious eye irritation.**Ingestion:** May cause damage to organs through prolonged or repeated exposure.**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.**Germ cell mutagenicity** Based on available data, the classification criteria are not met.**Carcinogenicity** Based on available data, the classification criteria are not met.**Reproductive toxicity** Based on available data, the classification criteria are not met.**STOT-single exposure** Based on available data, the classification criteria are not met.**STOT-repeated exposure** May cause damage to organs through prolonged or repeated exposure.

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Aspiration hazard Based on available data, the classification criteria are not met.

12 Ecological information

Toxicity:

AQUATIC TOXICITY No further relevant information available.

Persistence and degradability: No further relevant information available.

BEHAVIOUR IN ENVIRONMENTAL SYSTEMS

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

ECOTOXICAL EFFECTS

Remark: Toxic for fish

ADDITIONAL ECOLOGICAL INFORMATION

General notes:

Toxic for aquatic organisms.

Also poisonous for fish and plankton in water bodies.

Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

13 Disposal considerations

Waste treatment methods:

Recommendation:



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

UNCLEANED PACKAGING

Recommendation: Disposal must be made according to official regulations.

14 Transport information

UN-Number

NZS, IMDG, IATA

UN3082

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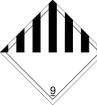
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<p>UN proper shipping name N.Z.S., IATA</p> <p>IMDG</p>	<p>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Diethylmethylbenzenediamine)</p> <p>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Diethylmethylbenzenediamine), MARINE POLLUTANT</p>
<p>Transport hazard class(es) N.Z.S., IMDG, IATA</p> <div style="display: flex; align-items: center; gap: 10px;">   </div> <p>Class Label</p>	<p>9 Miscellaneous dangerous substances and articles. 9</p>
<p>Packing group N.Z.S., IMDG, IATA</p>	<p>III</p>
<p>Environmental hazards:</p> <p>Marine pollutant:</p> <p>Special marking (N.Z.S.):</p> <p>Special marking (IATA):</p>	<p>Product contains environmentally hazardous substances: Diethylmethylbenzenediamine</p> <p>Symbol (fish and tree)</p> <p>Symbol (fish and tree)</p> <p>Symbol (fish and tree)</p>
<p>Special precautions for user:</p> <p>Hazard identification number (Kemler code):</p> <p>EMS Number:</p> <p>Stowage Category</p>	<p>Warning: Miscellaneous dangerous substances and articles.</p> <p>90</p> <p>F-A,S-F</p> <p>A</p>
<p>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:</p>	<p>Not Regulated</p>
<p>Transport/Additional information:</p> <hr style="border-top: 1px dashed black;"/> <p>N.Z.S.</p> <p>Limited quantities (LQ)</p> <p>Excepted quantities (EQ)</p> <p>Transport category</p> <p>Tunnel restriction code</p> <p>Remarks:</p> <hr style="border-top: 1px dashed black;"/> <p>IMDG</p> <p>Limited quantities (LQ)</p> <p>Excepted quantities (EQ)</p> <p>Remarks:</p>	
<p>5L</p> <p>Code: E1</p> <p>Maximum net quantity per inner packaging: 30 ml</p> <p>Maximum net quantity per outer packaging: 1000 ml</p> <p>3</p> <p>(-)</p> <p>≤5L, ADR Special Provision 375.</p> <p>5L</p> <p>Code: E1</p> <p>Maximum net quantity per inner packaging: 30 ml</p> <p>Maximum net quantity per outer packaging: 1000 ml</p> <p>≤5L, IMDG 2.10.2.7</p>	

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IATA**Remarks:**

≤5L, IATA Special Provision 197.

15 Regulatory information

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

HSNO Approval Number**HSNO Approval numbers**

None of the ingredients is listed.

Registered in the international inventory lists: NZIoC (New Zealand)

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing SDS:

EHS Department,
Asia Pacific Region
GCP Applied Technologies Operations Center, Inc.,
CTP Asean Tower, Upper Penthouse, Unit 1,
2397 Asean Drive, Spectrum District, Filinvest Alabang, 1781,
Muntinlupa City, Philippines
Tel: + 63 2 8271 2300

The first date of preparation: 22.12.2020

Number of revision times and the latest revision date: 2.0 / 28.11.2025

Sources:

Raw material suppliers' safety data sheets were used as key data sources in the preparation of this safety data sheet.