

Safety Data Sheet in accordance with HSNO

Printing Date: 03.12.2024

Version Number: 2.0

Revision Date: 03.12.2024

1 Identification of the substance or mixture and of the supplier

Product identifier:Trade name: *Chemspray 790 Polyol Grey*

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:

Tel: 1800 334 444

Fax: +61 7-3275-7801

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

Hazard statements

Causes serious eye irritation.

May cause damage to organs through prolonged or repeated exposure.

Toxic to aquatic life with long lasting effects.

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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:

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	20-<25%
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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.

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.

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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.

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

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.

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8 Exposure controls/personal protection

Additional information about design of technical facilities: 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.

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: Characteristic.

Odour threshold: Not determined.

pH-value (~): Not determined.

Change in conditions:-

Melting point/freezing point: Undetermined.

Initial boiling point and boiling range: Not determined.

Flash point: 191 °C

Flammability (solid, gas): 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.

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Vapour pressure:	Not determined.
Density at 20 °C:	1 g/cm ³
Vapour density:	Not determined.
Evaporation rate:	Not determined.
Solubility in/Miscibility with:-	
Water:	Not miscible or difficult to mix.
Partition coefficient: n-octanol/water:	Not determined.
VISCOSITY	
Dynamic:	Not determined.
Kinematic:	Not determined.
Molecular weight	Not determined.

Other information: No further relevant information available.

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

No dangerous reactions known.
No further relevant information available.

Conditions to avoid: No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: Carbon monoxide and carbon dioxide

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:
25322-69-4 Polypropylene glycol

Oral	LD50	>5,000 mg/kg (rat) (OECD 401)
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68479-98-1 Diethylmethylbenzenediamine

Oral	LD50	738 mg/kg (rat) (OECD Test Guideline 401)
Dermal	LD50	738 mg/kg (rat)
	LC50, 48h	0.5 mg/l (daphnia magna)
		1.94 mg/l (fish)

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Based on available data, the classification criteria are not met.

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.

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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.

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

12 Ecological information

Toxicity:

AQUATIC TOXICITY

25322-69-4 Polypropylene glycol

LC/EC/IC50	>100 mg/l (aquatic crustacea)
	>100 mg/l (aquatic plants)
	>100 mg/l (fish)

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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UN proper shipping name
N.Z.S., IATA

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S. (Diethylmethylbenzenediamine)

IMDG

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S. (Diethylmethylbenzenediamine), MARINE POLLUTANT

Transport hazard class(es)

N.Z.S., IMDG, IATA



Class
Label

9 Miscellaneous dangerous substances and articles.
9

Packing group

N.Z.S., IMDG, IATA

III

Environmental hazards:

Product contains environmentally hazardous substances:
Diethylmethylbenzenediamine

Marine pollutant:

Symbol (fish and tree)

Special marking (N.Z.S.):

Symbol (fish and tree)

Special marking (IATA):

Symbol (fish and tree)

Special precautions for user:

Warning: Miscellaneous dangerous substances and articles.

Hazard identification number (Kemler code):

90

EMS Number:

F-A,S-F

Stowage Category

A

**Transport in bulk according to Annex II of
MARPOL73/78 and the IBC Code:**

Not Regulated

Transport/Additional information:

N.Z.S.

Limited quantities (LQ)

5L

Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

Transport category

3

Tunnel restriction code

(-)

Remarks:

≤5L, ADR Special Provision 375.

IMDG

Limited quantities (LQ)

5L

Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

Remarks:

≤5L, IMDG 2.10.2.7

IATA

Remarks:

≤5L, IATA Special Provision 197.

15 Regulatory information

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

See Section 2 for hazard identification.

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

HSNO Approval Number HSR002544

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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,
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Tel: + 63 2 8271 2300

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