

Safety Data Sheet according to WHS Regulations

Printing Date: 23.09.2022

Version Number: 1.0

Revision Date: 23.09.2022

1 Identification

Product identifier:Trade name: ***CHEMFLOOR 100 HARDENER CLEAR*****Relevant identified uses of the substance or mixture, and uses advised against:**

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**Further information obtainable from:**Tel: 1800 334 444
Fax: +61 7-3275-7801
APMSDS@gcpat.com**Emergency telephone number:** After hours - Tel. No. 1800 039 008

2 Hazard(s) Identification

Classification of the substance or mixture:Acute Tox. 4 H302 Harmful if swallowed.
Acute Tox. 4 H312 Harmful in contact with skin.
Skin Corr. 1B H314 Causes severe skin burns and eye damage.
Eye Dam. 1 H318 Causes serious eye damage.
Skin Sens. 1 H317 May cause an allergic skin reaction.**Label elements:****GHS label elements** The product is classified and labelled according to the Globally Harmonized System (GHS).**Hazard pictograms**

GHS05 GHS07

Signal word Danger**Hazard-determining components of labelling:**2-piperazin-1-ylethylamine
Isophorondiamine
Benzyl alcohol**Hazard statements**Harmful if swallowed.
Harmful in contact with skin.
Causes severe skin burns and eye damage.
May cause an allergic skin reaction.**Precautionary statements**Do not breathe dusts or mists.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.

Safety Data Sheet

according to WHS Regulations

Printing Date: 23.09.2022

Version Number: 1.0

Revision Date: 23.09.2022

Trade name: CHEMFLOOR 100 HARDENER CLEAR

(Contd. of page 1)

Contaminated work clothing should not be allowed out of the workplace.
 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Immediately call a POISON CENTER/doctor.
 If skin irritation or rash occurs: Get medical advice/attention.
 Take off contaminated clothing and wash it before reuse.
 Wash contaminated clothing before reuse.
 Store locked up.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard description: Corrosive

Information concerning particular hazards for human and environment:

Description of Classification: Classified as hazardous according to the criteria of Safe Work Australia.

Other hazards:

Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

3 Composition and Information on Ingredients

Chemical characterization: Mixture:

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

Dangerous components:

140-31-8	2-piperazin-1-ylethylamine	Skin Corr. 1B, H314; Eye Dam. 1, H318 Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317 Flam. Liq. 4, H227	30-<50%
2855-13-2	Isophorondiamine	Skin Corr. 1B, H314 Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317	30-<50%
100-51-6	Benzyl alcohol	Acute Tox. 4, H302; Acute Tox. 4, H332 Acute Tox. 5, H313	20-<25%

Additional information:

Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from NOHSC publication 'List of Designated Hazardous Substances' or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication 'Approved Criteria for Classifying Hazardous Substances'.

4 First Aid Measures

Description of first aid measures:

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

After inhalation:

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF INHALED: Call a doctor if you feel unwell.

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.

Drink plenty of water and provide fresh air. Call for a doctor immediately.

(Contd. on page 3)

AU

Safety Data Sheet
according to WHS Regulations

Printing Date: 23.09.2022

Version Number: 1.0

Revision Date: 23.09.2022

Trade name: *CHEMFLOOR 100 HARDENER CLEAR*

(Contd. of page 2)

Information for doctor:**Most important symptoms and effects, both acute and delayed:**

Causes burns.

May cause sensitisation by skin contact.

Harmful if swallowed.

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.

Advice for firefighters:**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:**

Use neutralising agent.

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 container.

Use only outdoors or in a well-ventilated area.

Information about fire - and explosion protection: No special measures required.**Conditions for safe storage, including any incompatibilities:****STORAGE****Information about storage in one common storage facility:** Keep respiratory protective device available.**Further information about storage conditions:**

Keep container tightly sealed.

(Contd. on page 4)

AU

Safety Data Sheet
according to WHS Regulations

Printing Date: 23.09.2022

Version Number: 1.0

Revision Date: 23.09.2022

Trade name: *CHEMFLOOR 100 HARDENER CLEAR*

(Contd. of page 3)

Protect from frost.

Store in a dry place.

Keep cool.

Specific end use(s): No further relevant information available.

8 Exposure controls and personal protection

Additional information about design of technical facilities: No further data; see item 7.

Control parameters:

Ingredients with limit values that require monitoring at the workplace:

100-51-6 Benzyl alcohol

WEEL (USA) | Long-term value: 10 ppm

Additional information: Based on the lists valid at the date of SDS creation.

Exposure controls:

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.

Nitrile rubber.

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 and wash before reuse.

9 Physical and Chemical Properties

Information on basic physical and chemical properties:

GENERAL INFORMATION

Appearance:

Form:	Liquid.
Colour:	According to product specification.
Odour:	Slightly ammonical
Odour threshold:	Not determined.

(Contd. on page 5)

AU

Safety Data Sheet
according to WHS Regulations

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Version Number: 1.0

Revision Date: 23.09.2022

Trade name: CHEMFLOOR 100 HARDENER CLEAR

(Contd. of page 4)

pH-value (~):	Not determined.
Change in conditions:-	
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	Not determined.
Flash point:	112 °C
Flammability (solid, gas):	Not applicable.
Ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Auto-ignition temperature:	Not determined.
Explosive properties:	Product does not present an explosion hazard.
EXPLOSION LIMITS	
Lower:	Not determined.
Upper:	Not determined.
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.

Chemical stability:

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
The amine type component of this product will decompose at temperatures above 260 Deg C and generate ammonia.

11 Toxicological Information

Information on toxicological effects:

ACUTE TOXICITY

LD/LC50 values relevant for classification:

140-31-8 2-piperazin-1-ylethylamine

Dermal	LD50	1,470 mg/kg (rat)
	LD50	866 mg/kg (rabbit)

(Contd. on page 6)

AU

Safety Data Sheet
according to WHS Regulations

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Trade name: CHEMFLOOR 100 HARDENER CLEAR

(Contd. of page 5)

2855-13-2 Isophorondiamine

Oral	LD50	1,030 mg/kg (rat) (OECD 401)
Dermal	LD50	mg/kg (rabbit)

100-51-6 Benzyl alcohol

Oral	LD50	1,040 mg/kg (mouse)
Dermal	LD50	>2,000 mg/kg (rabbit)

Primary irritant effect**Skin corrosion/irritation** Harmful in contact with skin.**Serious eye damage/irritation** Causes serious eye damage.**Ingestion:** Harmful if swallowed.**Respiratory or skin sensitisation** Sensitisation possible through skin contact.**Other information :**

The product was classified according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

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.**ADDITIONAL ECOLOGICAL INFORMATION****General notes:** Must not reach sewage water or drainage ditch undiluted or unneutralised.**Results of PBT and vPvB assessment:****PBT:** Not applicable.**vPvB:** Not applicable.**Other adverse effects:** No further relevant information available.

13 Disposal considerations

Waste treatment methods:**Recommendation:**

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

Refer to State Land Waste Authority for disposal considerations.

UNCLEANED PACKAGING**Recommendation:** Disposal must be made according to official regulations.

14 Transport information

UN-Number
ADG, IMDG, IATA

UN1760

(Contd. on page 7)

AU

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according to WHS Regulations

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Trade name: CHEMFLOOR 100 HARDENER CLEAR

(Contd. of page 6)

UN proper shipping name
ADG, IMDG, IATA

CORROSIVE LIQUID, N.O.S. (Isophorondiamine, N-AMINOETHYLPIPERAZINE)

Transport hazard class(es)

ADG, IMDG, IATA



Class
Label

8 Corrosive substances.
8

Packing group

ADG, IMDG, IATA

II

Environmental hazards:

Not applicable.

Special precautions for user:

Warning: Corrosive substances.

Hazard identification number (Kemler code):

80

EMS Number:

F-A,S-B

Stowage Category

B

Stowage Code

SW2 Clear of living quarters.

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

Not Regulated

Transport/Additional information:

ADG

Limited quantities (LQ)

1L

Excepted quantities (EQ)

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

Transport category

2

Tunnel restriction code

E

IMDG

Limited quantities (LQ)

1L

Excepted quantities (EQ)

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

UN "Model Regulation":

UN 1760 CORROSIVE LIQUID, N.O.S. (ISOPHORNDIAMINE, N-AMINOETHYLPIPERAZINE), 8, II

15 Regulatory information

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

See Section 2 for hazard identification.

Australia: Priority Existing Chemicals

None of the ingredients is listed.

National regulations:

Other regulations, limitations and prohibitive regulations: All ingredients are listed on AICS.

Registered in the international inventory lists: AICS (Australia)

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

AU
(Contd. on page 8)

Safety Data Sheet
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Trade name: CHEMFLOOR 100 HARDENER CLEAR

(Contd. of page 7)

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.

Relevant phrases:

H227 Combustible liquid.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H313 May be harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H332 Harmful if inhaled.

Department issuing SDS:

GCP Applied Technologies
62 Whittemore Avenue
Cambridge, MA 02140 USA
USA: +1-617-876-1400 (24 horas)
+1-800-354-5414 (8AM-5PM) Not functional in Massachusetts

Contact:

The first date of preparation: 02.12.2019

Number of revision times and the latest revision date: 1.0 / 23.09.2022

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