

Safety Data Sheet according to WHS Regulations

Printing Date: 08.09.2022

Version Number: 1.0

Revision Date: 08.09.2022

1 Identification

Product identifier:Trade name: ***CHEMCLEAR*****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:

Flam. Liq. 3	H226 Flammable liquid and vapour.
Acute Tox. 5	H313 May be harmful in contact with skin.
Acute Tox. 4	H332 Harmful if inhaled.
Skin Irrit. 2	H315 Causes skin irritation.
Eye Irritation 2A	H319 Causes serious eye irritation.
STOT SE 3	H335 May cause respiratory irritation.
STOT RE 2	H373 May cause damage to the hearing organs through prolonged or repeated exposure.

Label elements:**GHS label elements** The product is classified and labelled according to the Globally Harmonized System (GHS).**Hazard pictograms**

GHS02 GHS07 GHS08

Signal word Warning**Hazard-determining components of labelling:**Xylene (mixture of isomers)
Ethylbenzene
1,2,4-trimethylbenzene**Hazard statements**Flammable liquid and vapour.
May be harmful in contact with skin.

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Harmful if inhaled.
 Causes skin irritation.
 Causes serious eye irritation.
 May cause respiratory irritation.
 May cause damage to the hearing organs through prolonged or repeated exposure.

Precautionary statements

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 Ground and bond container and receiving equipment.
 Use explosion-proof [electrical/ventilating/lighting] equipment.
 Use non-sparking tools.
 Take action to prevent static discharges.
 Do not breathe dust/fume/gas/mist/vapours/spray.
 Avoid breathing dust/fume/gas/mist/vapours/spray.
 Wash thoroughly after handling.
 Use only outdoors or in a well-ventilated area.
 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
 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.
 Get medical advice/attention if you feel unwell.
 If skin irritation occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 Take off contaminated clothing and wash it before reuse.
 In case of fire: Use CO₂, powder or water spray to extinguish.
 Store in a well-ventilated place. Keep container tightly closed.
 Store in a well-ventilated place. Keep cool.
 Store locked up.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard description: Flammable

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:

1330-20-7	Xylene (mixture of isomers)	30-<50%
	Flam. Liq. 3, H226 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; STOT SE 3, H335	
95-63-6	1,2,4-trimethylbenzene	10-<20%
	Flam. Liq. 3, H226 Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irritation 2A, H319; STOT SE 3, H335 Acute Tox. 5, H313	

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100-41-4	Ethylbenzene Flam. Liq. 2, H225 STOT RE 2, H373; Asp. Tox. 1, H304 Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irritation 2A, H319 Acute Tox. 5, H313	10-<20%
103-65-1	Propylbenzene Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H335	5-<10%
108-67-8	Mesitylene Flam. Liq. 3, H226 STOT SE 3, H335	5-<10%

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.

Call for a doctor immediately.

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

Dizziness

Irritating to eyes.

Indication of any immediate medical attention and special treatment needed:

If skin irritation occurs: Get medical advice/attention.

5 Fire Fighting Measures

Suitable extinguishing agents: CO₂, extinguishing powder or water spray. Fight larger fire with alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water jet.

Special hazards arising from the substance or mixture:

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

CO, CO₂.

Advice for firefighters:

Protective equipment: Wear self-contained respiratory protective device.

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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.

Flammable mixtures with air can be formed in emptied containers. Do not puncture, cut, drill, heat or weld uncleaned drums.

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:



Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Use explosion-proof apparatus / fittings and spark-proof tools.

Empty containers may retain hazardous residue, both liquid and vapour. Do not cut, drill, grind or weld on or near container, whether empty or full.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Ground/bond container and receiving equipment.

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.

Protect from frost.

Store in a dry place.

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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:
1330-20-7 Xylene (mixture of isomers)

WES (Australia)	Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 350 mg/m ³ , 80 ppm
WEL (Great Britain)	Short-term value: 441 mg/m ³ , 100 ppm Long-term value: 220 mg/m ³ , 50 ppm Sk; BMGV
REL (USA)	Long-term value: 435 mg/m ³ , 100 ppm
REL (USA)	Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm
TLV (USA)	Long-term value: 20 ppm BEI, A4

95-63-6 1,2,4-trimethylbenzene

WEL (Great Britain)	Long-term value: 125 mg/m ³ , 25 ppm ILV
REL (USA)	Long-term value: 125 mg/m ³ , 25 ppm
TLV (USA)	Long-term value: 10 ppm A4

100-41-4 Ethylbenzene

WES (Australia)	Short-term value: 543 mg/m ³ , 125 ppm Long-term value: 434 mg/m ³ , 100 ppm
WEL (Great Britain)	Short-term value: 552 mg/m ³ , 125 ppm Long-term value: 441 mg/m ³ , 100 ppm Sk
REL (USA)	Long-term value: 435 mg/m ³ , 100 ppm
REL (USA)	Short-term value: 545 mg/m ³ , 125 ppm Long-term value: 435 mg/m ³ , 100 ppm
TLV (USA)	Long-term value: 20 ppm OTO, BEI, A3

108-67-8 Mesitylene

WEL (Great Britain)	Long-term value: 125 mg/m ³ , 25 ppm ILV
REL (USA)	Long-term value: 125 mg/m ³ , 25 ppm
TLV (USA)	Long-term value: 10 ppm

Ingredients with biological limit values:
1330-20-7 Xylene (mixture of isomers)

BMGV (Great Britain)	650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid
BEI (USA)	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids

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100-41-4 Ethylbenzene

BEI (USA)	0.15 g/g creatinine Medium: urine Time: end of shift at end of workweek Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific)
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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.

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:	Colorless to pale yellow
Odour:	Characteristic.
Odour threshold:	Not determined.

pH-value (-): Not determined.

Change in conditions:-

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	135 °C
Flash point:	31 °C

Flammability (solid, gas): Flammable.

Ignition temperature: 430 °C

Decomposition temperature: Not determined.

Auto-ignition temperature: Not determined.

Explosive properties: In use, may form flammable/explosive vapour-air mixture.

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EXPLOSION LIMITS

Lower: Not determined.
Upper: Not determined.

Vapour pressure: Not determined.
Density at 20 °C: 0.9 g/cm³
Vapour density: Not determined.
Evaporation rate: Not determined.

Solubility in/Miscibility with:-
Water: Not determined.

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: Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: Carbon monoxide and carbon dioxide

11 Toxicological Information

Information on toxicological effects:**ACUTE TOXICITY****LD/LC50 values relevant for classification:****1330-20-7 Xylene (mixture of isomers)**

Oral	LD50	3,523 mg/kg (rat)
Inhalative	LC50, 4h	26 mg/m ³ (rat)

95-63-6 1,2,4-trimethylbenzene

Dermal	LD50	>3,500 mg/kg (rat)
	LD50	3,160 mg/kg (rabbit)
Inhalative	LC50, 4h	18 mg/l (rat)

100-41-4 Ethylbenzene

Dermal	LD50	3,500 mg/kg (rat)
	LD50	17,800 mg/kg (rabbit)

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103-65-1 Propylbenzene

Oral	LD50	6,040 mg/kg (rat)
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108-67-8 Mesitylene

Inhalative	LC50, 4h	24 mg/l (rat)
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Primary irritant effect
Skin corrosion/irritation

May be harmful in contact with skin.
Causes skin irritation.

Serious eye damage/irritation Causes serious eye irritation.

Inhalation:

Harmful if inhaled.
May cause respiratory irritation.

Ingestion: May cause damage to the hearing organs through prolonged or repeated exposure.

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: Not known to be hazardous to water.

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.

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UNCLEANED PACKAGING**Recommendation:** Disposal must be made according to official regulations.**14 Transport information****UN-Number**

ADG, IMDG, IATA

UN1866

UN proper shipping name

ADG, IMDG, IATA

RESIN SOLUTION

Transport hazard class(es)

ADG, IMDG, IATA

Class
Label3 Flammable liquids.
3**Packing group**

ADG, IMDG, IATA

III

Environmental hazards:

Not applicable.

Special precautions for user:

Warning: Flammable liquids.

Hazard identification number (Kemler code):

30

EMS Number:

F-E,S-E

Stowage Category

A

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

Not Regulated

Transport/Additional information:**ADG****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

D/E

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

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.

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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.**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:

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H313 May be harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

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

Department issuing SDS:

EHS Department,
Asia Pacific Region
SCIP, Canlubang, Calamba City, Laguna
Philippines 4028
Tel: +63 (02) 8236-6820 to 24

Contact:**The first date of preparation:** 08.09.2022**Number of revision times and the latest revision date:** 1.0 / 08.09.2022

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