

## Safety Data Sheet according to WHS Regulations

Printing Date: 02.12.2022

Version Number: 1.0

Revision Date: 02.12.2022

### 1 Identification

**Product identifier:**Trade name: ZEDS94 Metal Primer Orange Hand Grade**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. 2 H225 Highly flammable liquid and vapour.

Acute Tox. 4 H332 Harmful if inhaled.

Eye Irritation 2A H319 Causes serious eye irritation.

Carc. 2 H351 Suspected of causing cancer.

**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** Danger**Hazard-determining components of labelling:**4-methylpentan-2-one  
Xylene (mixture of isomers)**Hazard statements**Highly flammable liquid and vapour.  
Harmful if inhaled.  
Causes serious eye irritation.  
Suspected of causing cancer.**Precautionary statements**Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
Keep container tightly closed.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/lighting equipment.

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Use only non-sparking tools.  
 Take precautionary measures against static discharge.  
 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.  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 IF exposed or concerned: Get medical advice/attention.  
 Call a POISON CENTER/doctor if you feel unwell.  
 If eye irritation persists: Get medical advice/attention.  
 In case of fire: Use CO<sub>2</sub>, powder or water spray to extinguish.  
 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

**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:**

108-65-6	1-methoxy-2-propyl acetate Flam. Liq. 3, H226	25-<30%
108-10-1	4-methylpentan-2-one Flam. Liq. 2, H225 Carc. 2, H351 Acute Tox. 4, H332; Eye Irritation 2A, H319; STOT SE 3, H335 Acute Tox. 5, H313	10-<20%
1330-20-7	Xylene (mixture of isomers) Flam. Liq. 3, H226 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; STOT SE 3, H335	5-<10%
1318-02-1	Zeolite (crystalline aluminosilicate)	1-<3%

**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.

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**After swallowing:**

Rinse mouth.

Do NOT induce vomiting.

**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:**CO<sub>2</sub>, 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:** CO, CO<sub>2</sub>.**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:** 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.

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**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****Requirements to be met by storerooms and receptacles:** Store in a cool location.**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 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:****108-65-6 1-methoxy-2-propyl acetate**

WES (Australia)	Short-term value: 548 mg/m <sup>3</sup> , 100 ppm Long-term value: 274 mg/m <sup>3</sup> , 50 ppm Sk
WEL (Great Britain)	Short-term value: 548 mg/m <sup>3</sup> , 100 ppm Long-term value: 274 mg/m <sup>3</sup> , 50 ppm Sk
WEEL (USA)	Long-term value: 50 ppm

**108-10-1 4-methylpentan-2-one**

WES (Australia)	Short-term value: 307 mg/m <sup>3</sup> , 75 ppm Long-term value: 205 mg/m <sup>3</sup> , 50 ppm
WEL (Great Britain)	Short-term value: 416 mg/m <sup>3</sup> , 100 ppm Long-term value: 208 mg/m <sup>3</sup> , 50 ppm Sk, BMGV
PEL (USA)	Long-term value: 410 mg/m <sup>3</sup> , 100 ppm
REL (USA)	Short-term value: 300 mg/m <sup>3</sup> , 75 ppm Long-term value: 205 mg/m <sup>3</sup> , 50 ppm
TLV (USA)	Short-term value: 75 ppm Long-term value: 20 ppm BEI, A3

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<b>1330-20-7 Xylene (mixture of isomers)</b>	
WES (Australia)	Short-term value: 655 mg/m <sup>3</sup> , 150 ppm Long-term value: 350 mg/m <sup>3</sup> , 80 ppm
WEL (Great Britain)	Short-term value: 441 mg/m <sup>3</sup> , 100 ppm Long-term value: 220 mg/m <sup>3</sup> , 50 ppm Sk; BMGV
PEL (USA)	Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
REL (USA)	Short-term value: 655 mg/m <sup>3</sup> , 150 ppm Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
TLV (USA)	Long-term value: 20 ppm BEI, A4
<b>1318-02-1 Zeolite (crystalline aluminosilicate)</b>	
TWA RESPIRABLE DUST (GB)	Long-term value: 4.0 mg/m <sup>3</sup>
TWA TOTAL INHALABLE DUST (GB)	Long-term value: 10.0 mg/m <sup>3</sup>
<b>Ingredients with biological limit values:</b>	
<b>108-10-1 4-methylpentan-2-one</b>	
BMGV (Great Britain)	20 µmol/L Medium: urine Sampling time: post shift Parameter: 4-methylpentan-2-one
BEI (USA)	1 mg/L Medium: urine Time: end of shift Parameter: MIBK
<b>1330-20-7 Xylene (mixture of isomers)</b>	
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

**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.

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**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:**

<b>Form:</b>	Liquid.
<b>Colour:</b>	Various.
<b>Odour:</b>	Solvent-like
<b>Odour threshold:</b>	Not determined.

**pH-value (~):** Not determined.

**Change in conditions:-**

<b>Melting point/freezing point:</b>	Undetermined.
<b>Initial boiling point and boiling range:</b>	114-117 °C
<b>Flash point:</b>	22 °C

**Flammability (solid, gas):** Highly flammable.

**Ignition temperature:** 370 °C

**Decomposition temperature:** Not determined.

**Auto-ignition temperature:** Not determined.

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

**EXPLOSION LIMITS**

<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.

<b>Vapour pressure:</b>	Not determined.
<b>Density:</b>	Not determined.
<b>Relative density:</b>	~1.2
<b>Vapour density:</b>	Not determined.
<b>Evaporation rate:</b>	Not determined.

**Solubility in/Miscibility with:-**

**Water:** Not miscible or difficult to mix.

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

**VISCOSITY**

<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
<b>Molecular weight</b>	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.

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**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:

##### 108-65-6 1-methoxy-2-propyl acetate

Oral	LD50	8,532 mg/kg (rat)
Dermal	LD50	8,500 mg/kg (rat)
Inhalative	LD50	>5,000 mg/kg (rat) ((cutaneous))
	LC50, 4h	35.7 mg/l (rat)
	CL50, 4h	35,700 mg/m <sup>3</sup> (rat)

##### 108-10-1 4-methylpentan-2-one

Dermal	LD50	2,100 mg/kg (rat)
	LD50	16,000 mg/kg (rabbit)
Inhalative	LC50, 4h	8.3-16.6 mg/l (rat)

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

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

##### 7779-90-0 trizinc bis(orthophosphate)

Dermal	LD50	>5,000 mg/kg (rat)
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##### Primary irritant effect

**Skin corrosion/irritation** No irritating effect.

**Serious eye damage/irritation** Causes serious eye irritation.

**Inhalation:** Harmful if inhaled.

##### Repeated dose toxicity:

##### 1318-02-1 Zeolite (crystalline aluminosilicate)

Oral	NOAEL/28d	1,800 mg/kg bw/d (bra)
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**Additional toxicological information:** Suspected of causing cancer.

##### GHS Health Hazards :

**Carcinogenicity:** Category 2 - Suspected of causing cancer.

##### 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

##### 108-65-6 1-methoxy-2-propyl acetate

CL50, 96h	>100 mg/l (fish) ((OECD 203))
CE50, 48h	408 mg/l (daphnia magna) ((OECD 202))
CE50, 72h	>1,000 mg/l (algae) ((OECD 201))

**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.

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### 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.

**UNCLEANED PACKAGING**

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

### 14 Transport information

**UN-Number**  
ADG, IMDG, IATA

UN1263

**UN proper shipping name**  
ADG  
IMDG, IATA

PAINT, ENVIRONMENTALLY HAZARDOUS  
PAINT

**Transport hazard class(es)**

ADG



**Class**  
**Label**

3 Flammable liquids.  
3

**IMDG, IATA**



**Class**  
**Label**

3 Flammable liquids.  
3

**Packing group**  
ADG, IMDG, IATA

II

**Environmental hazards:**

**Special marking (ADG):**

Symbol (fish and tree)

**Special precautions for user:**

**Hazard identification number (Kemler code):**

Warning: Flammable liquids.

**EMS Number:**

33  
F-E,S-E

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**Stowage Category** E

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not Regulated

**Transport/Additional information:**

**ADG**

**Limited quantities (LQ)**  
**Excepted quantities (EQ)**

500 ml  
Code: E3  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 300 ml

**Transport category**  
**Tunnel restriction code**

1  
D/E

**IMDG**

**Limited quantities (LQ)**  
**Excepted quantities (EQ)**

500 ml  
Code: E3  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 300 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.

**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.  
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.  
H351 Suspected of causing cancer.

**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:** 09.03.2022

**Number of revision times and the latest revision date:** 1.0 / 02.12.2022