

REDUCER 284

Classified as Hazardous in accordance to criteria of Worksafe Australia

COMPANY DETAILS

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**IDENTIFICATION**

Product Name	REDUCER 284
Product Number	RED284
Proper Shipping Name	PAINT RELATED MATERIAL
U.N. Number	1263
Dangerous Goods Class	3
HAZCHEM Code	3[Y]
Initial Emergency Response Guide	15
Packing Group	III
Poison Schedule Number	S 5
Product Use	Use for reducing various HICHEM automotive and industrial products when spraying.

PHYSICAL DESCRIPTION AND OTHER PROPERTIES

Appearance	Colourless liquid
Initial Boiling Point	128 ° Celsius {literature value}
Vapour Pressure	Greater than 1
{Butyl Acetate = 1}	
Specific Gravity	0.90
Flash Point	23 ° Celsius {closed cup - literature value}
Flammability Limits	Lel = 1.0 % Uel = 36.0 %
Solubility in Water	Immiscible
Auto Ignition Temperature	250 ° Celsius {literature value}

INGREDIENTS

CHEMICAL/SUBSTANCE NAME	CAS Number	Proportion % w/w
Liquid Aromatic Hydrocarbons - HFP	Not Known	60 - 100 %
Propylene Glycol Mono Methyl Ether Acetate	108-65-6	10 - 30 %

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HEALTH HAZARD INFORMATION**HEALTH EFFECTS - ACUTE**

Swallowed	May cause irritation to the mouth, throat and stomach. Harmful if swallowed.
Eyes	Will cause irritation to the eyes.
Skin	Can cause irritation to the skin. Harmful in contact with the skin.
Inhalation	Can cause irritation to nose, throat and respiratory tract. Harmful by inhalation.

HEALTH EFFECTS - CHRONIC

Inhalation and Skin	Repeated or prolonged inhalation may lead to headaches, drowsiness, vomiting, nausea and dizziness.
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FIRST AID

Swallowed	If swallowed, and only if the person is conscious, give water to drink. DO NOT induce vomiting. Seek URGENT medical attention if frothing the mouth occurs.
Eyes	If splashed into eyes, irrigate copiously with water for at least 15 minutes. Seek immediate medical attention if irritation persists.
Skin	If skin contact occurs, remove contaminated clothing and wash thoroughly with soap and water. Seek medical attention if any irritation occurs.
Inhalation	If the applicator feels drowsy, dizzy, tired or experiencing headaches, remove the victim to the fresh air. Keep the victim warm and quiet until all symptoms subside.
First Aid Facilities	Clean water supply, barrier cream, soap and eye wash stations.
Advice to Doctor	If poisoning occurs, consult the Poisons Information Centre {Australia 13 1126 or New Zealand (03) 4747000 } and have a copy of this Material Safety Data Sheet or label available. Treat the patient symptomatically.
Other Information	Immerse all contaminated clothing in water for 24 hours and do not <u>re-use</u> until it has been laundered.

PRECAUTIONS FOR USE**ENGINEERING REQUIREMENTS**

Exposure Standards	Liquid Aromatic Hydrocarbons = Not Known Propylene Glycol Mono Methyl Ether Acetate = Not Known
Engineering Controls	When handling HICHEM REDUCER 294, ensure there is adequate ventilation.

PERSONAL PROTECTION

Clothing {AS 2919}	It is advisable to wear antistatic clothing made on natural or high temperature synthetic fibre.
Gloves {AS 2161}	It is advisable to wear Viton, PVC or Neoprene gloves.
Eyes {AS - NZS 1337}	It is advisable to wear safety glasses fitted with side shields or chemical splash goggles. Do not wear contact lenses.
Respiratory Equipment {AS - NZS 1715/1716}	If the ventilation is inadequate, it is advisable to wear of an Organic Vapour Respirator {Type A Class 2}.
Footwear {AS - NZS 2210}	It is advisable to wear safety boots or safety shoes.
Hearing {AS - NZS 1270}	Not required.

PROTECTIVE EQUIPMENT

Avoid breathing vapours. Avoid contact with eyes and skin. Wear the recommended personal protective clothing as described in this Material Safety Data Sheet.

FLAMMABILITY

Flammable liquid. Avoid heat, sparks, ignition sources and naked flames. **NO SMOKING** during the application period.

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SAFE HANDLING INFORMATION**STORAGE AND TRANSPORT**

- Storage Requirements** Containers should be clearly labelled, rigid and strong. Store upright in a cool, dry, well ventilated area away from all heat, ignition sources and direct sunlight. e.g. Flammable Goods Store or Cabinet.
- Storage Regulations** Store in accordance with the Australian Standard {AS 1940} - The Storage and Handling of Flammable and Combustible Liquids.
- Transport Requirements** Classified by the current edition " Australian Code for the Transport of Dangerous Goods by Road and Rail " {ADG} - PAINT RELATED MATERIAL - THINNERS, UN1263, Class 3, HAZCHEM 3[Y], Packing Group III, Initial Emergency Response Guide 15.
Dangerous goods of Class 3 {Flammable Liquid} are incompatible in a placard load with any of the following :-
Class 1
Class 2.1, if both Class 3 and Class 2.1, dangerous goods in bulk
Class 2.3
Class 4.2
Class 5.1 and Class 5.2
Class 6, if the Class 3, dangerous goods is nitromethane
Class 7

SPILLS AND DISPOSAL

- Spills** Contain all spills. Prevent contamination of waterways and sewage. Remove all sources of heat and ignition. **DO NOT** smoke during the clean-up procedure. Use sand, earth or earth non-reactive absorbent material {not sawdust} to absorb all spillages. Wash remaining residues with detergent and excess water.
- Disposal** Keep unwanted residues in labelled and sealed containers for disposal via special waste collection services.

FIRE/EXPLOSION HAZARD**List of Dangerous Decomposition or Combustion Products**

- May produce toxic gases including carbon monoxide if burning occurs in a confined space. On heating, containers can rupture and explode.
- Fire Fighting Procedures** Evacuate all non fire-fighter personnel. Turn off all electricity and power supplies. Keep containers cool with water spray or water fog to prevent rupture or burning. Move away all containers and equipment from the direction of the fire, if safe to do so.
- Extinguishing Media** Carbon Dioxide {CO₂}, alcohol resistant foam, dry chemical, water spray and water fog. It is essential that fire-fighters should wear self-contained breathing apparatus when fighting the fire.
- Reactivity** No known hazardous reactions or polymerization will occur.
- HAZCHEM CODE** 3[Y].
- Other Precautions** Immerse all unwanted rags and cloths in water prior to disposal. Do not incinerate empty containers.

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OTHER INFORMATION**WORKSAFE CLASSIFICATION**

Hazard Category The hazardous rating of HICHEM REDUCER 284 is classified as both harmful and irritating substance by the current WORKSAFE-NOHSC documents.

Risk Phrases Flammable {R10}.
Harmful by inhalation, contact with the skin and if swallowed {R20/21/22}.
Irritating to the eyes and skin {R36/38}
Harmful. May cause lung damage if swallowed {R65}.

Safety Phrases Keep away from heat and sources of ignition - NO SMOKING {S15/16}.
Do not breathe vapours {S23}.
Avoid contact with skin and eyes {S24/25}.

ENVIRONMENT

May be hazardous to the environment. Avoid contaminating waterways and sewage.
Do not empty into drains {S29}.

TOXICITY - Acute Lethal Effects

Substance{s} Propylene Glycol Mono Methyl Ether Acetate and
Liquid Aromatic Hydrocarbons - High Flash Point.

Oral LD₅₀ {rat} ≥ 2000 milligrams/kilogram of body weight

Dermal LD₅₀ {rabbit} ≥ 2000 milligrams/kilogram of body weight

Inhalation LC₅₀ {rat} ≥ 5 milligrams/Litre/4 hours of body weight

CONTACT

For further information, please contact POISONS INFORMATION CENTRE

Telephone : {Australia} 13 1126

{New Zealand} (03) 474 7000

DISCLAIMER

Data provided is to the best of HiChem Paint Technologies' knowledge and believed accurate and reliable as of the date issued. However no expressed or implied warranties are given. HiChem cannot anticipate or control the conditions under which this information may be used. Therefore it is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for their particular use.