

HiChem Paint Technologies Pty.Ltd.

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**HAZARD IDENTIFICATION**

The product is classified as Hazardous Substance in accordance with Safe Work Australia – Hazardous Substances Information System {HSIS 2013} AUSTRALIA, Global Harmonised System {GHS} and Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

GHS HAZARDOUS STATEMENTS

H 303	Category 5	May be harmful if swallowed
H 313	Category 5	May be harmful in contact with the skin
H 315	Category 4	May cause skin irritation
H 320	Category 4	May cause eye irritation
H 333	Category 5	May be harmful if inhaled.
H 413	Category 4	May cause long lasting harmful effects in the aquatic environment

GHS PRECAUTIONARY STATEMENTS

Statement Type	Statement 'P'	Precautionary Statement Text
General	P 101	Seek medical advice if required
Precautionary	P 102/3	Carefully read and understand this document during application and handling period. Keep out of reach of children.
Prevention	P 233/34/35	Keep in original container and tightly closed in a cool dry place when not in use.
	P 261	Avoid breathing vapours during application and handling period.
	P 264	Wash all exposed skin and hair after application and handling period with soap and warm water.
	P 270	Do not smoke, eat or drink during application and handling period.
	P 273	Avoid release to the environment includes drains, sewage and waterways, and atmosphere.
	P 280	The wearing of protective clothes with gloves, vapour mask, face and eye protection during application and handling period.
	Response	P 301/10
P 303/13/62		If on skin or hair, wash all exposed area with plenty of warm water and soap. Seek medical advice if any irritation occurs. Remove all contaminated clothing immediately.
P 304/13		If inhaled, removed oneself to fresh air from the contaminated area and keep warm in a comfortable position. Seek medical advice if any symptoms immediately
P 305/13		If in eyes, immediately flush with plenty of water. Remove contact lenses if safe to do so if worn. Contact urgent medical advice immediately if any irritation or blurring occurs.
P 306/62/63		If splashed onto clothing, removed all contaminated clothing and wash with plenty of water immediately before reuse
	P 370/72/75	If case of fire, use dry sand or earth, or alcohol resistant foam. If safe to do so, remove all electrical equipment in the direction of fire. Ensure all power supplies are switch off.

	P 390/91	Collect and absorb all spillages onto dry sand or earth and placed into clean, dry and labelled containers prior to disposal.
Storage	P 402/03	Store in a cool, well dry and ventilated place. Store and away from direct sunlight and moisture.
Disposal	P 501	Dispose carefully unused contents and container(s) to an approved waste disposal site. Further information may be obtained by contacting the Local Statutory Authorities. Ensure all package(s) are clearly labelled as non – dangerous goods.

Product Usage. HICHEM DEOXIDISER and RUST REMOVER is specially formulated to remove rust, an automotive cleaner and conditioner for vehicles. For further information contact HICHEM helpdesk on (03) 9796 3034.

IDENTIFICATION of the SUBSTANCE(S) and COMPOSITION

<i>Product Name</i>	DEOXIDISER and RUST REMOVER - YELLOW	<i>Code</i>	RR
<i>Name</i>		<i>CAS Number</i>	<i>Proportion w/w</i>
	Ortho Phosphoric Acid	7664 – 38 – 2	8.0 – 10.0 %
	Ethylene Glycol Mono Butyl Ether	111 – 76 – 2	1.0 – 5.0 %
	Methyl Cellulose	Proprietary	1.0 – 5.0 %
	Water	7732 – 18 – 5	85.0 – 100.0 %
	Non – Hazardous Yellow Dyestuff	Proprietary	< 0.01 %
			%

FIRST AID MEASURES

<i>Inhalation</i>	If the operator feels drowsy, dizzy, tired or experiencing headaches, remove the victim away from the contaminated area to the fresh air. Keep the victim warm and quiet until all symptoms subside. If the victim is not breathing, apply artificial respiration immediately away from the contaminated area.
<i>Ingestion</i>	If swallow, and only if the operator is conscious, give plenty of water to drink. DO NOT induced vomiting; seek URGENT medical attention if frothing from the mouth occurs.
<i>Eyes</i>	If splashed into eyes, hold eyelids apart, and flush the eyes continuously with running for at least 15 minutes. Continue flushing until advised by a doctor.
<i>Skin and Hair</i>	If skin and hair contact occurs, remove contaminated clothing, and wash thoroughly with soap and plenty of water. Continue flushing until advised by a doctor.
<i>First Aid Facilities</i>	Clean Water Supply, soap or skin cleaner, barrier cream, emergency showers and eye wash stations.
<i>Advice to Doctor</i>	If poisoning occurs, consult with the Poisons Information Centre {Telephone 13 11 26 }. Have a copy of this safety data sheet or label available. Treat symptomatically as symptoms may be delayed for several hours after exposure.



FIRE FIGHTING MEASURES

<i>Extinguishing Media and Requirements</i>	Not required since the product is non – flammable.
<i>Hazardous Decomposition Products</i>	On heating, containers may rupture.
<i>Flammability</i>	Non Flammable or Non Combustible Liquid.
<i>Specific Hazards</i>	Can react with metal hydroxides, ammonia and organic amines., oxidising agents
<i>Precautions in connection with Fire</i>	Fire – fighters should wear Chemical Splash Suit with an air supplied respirator and gloves. Evacuate all non fire–fighting personnel away from the area. Turn off all electricity and power supplies. Keep containers cool with water spray or water to prevent rupture or burning. Move away all packages and equipment from the direction of the fire, if safe to do so Keep upwind.



ACCIDENTAL RELEASE MEASURES

<i>Emergency Procedures. Spills and Leaks</i>	Contain all spills and leaks. Prevent contamination of with spilt material of surfaces entering waterways, drains and sewage. NO SMOKING. Wear the protective clothing including safety glasses fitted with side shields and impervious gloves at all times. Absorb all spilt contents onto sand or earth.
<i>Disposal</i>	Collect all residues into labelled and sealed containers for disposal via special waste collection services as per local Statutory Authority requirements.
<i>Other Precautions</i>	Ensure there is adequate ventilation at all times during the cleaning up period. Avoid



HANDLING and STORAGE

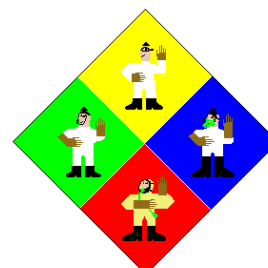
<i>Precautions for Safe Handling</i>	Irritating Liquid. Wear the recommended Personal Protective Equipment including mask, eye/face protection, protective clothing, gloves and enclosed footwear. Ensure there is adequate ventilation at all times. After use, before eating, drinking or smoking, wash all exposed skin and hair with soap and water.
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EXPOSURE CONTROLS for 8 hours

<i>Exposure Standards</i>	Ortho Phosphoric Acid = 1 milligram/cubic metre
<i>MAK</i>	Butyl Glycol Mono Butyl Ether = 98 milligram/cubic metre
	For other active ingredients there are no exposure standards are available.

PERSONAL PROTECTION

Inhalation <i>AS –NZS 1715/16</i>	The wearing of Full Face Respirator is recommended to be worn during the application period.
Eye <i>AS –NZS 1337</i>	The wearing of safety glasses fitted with side shields or faceshield is recommended to be worn during the application period. Do not wear contact lenses.
Gloves <i>AS –NZS 2161</i>	The wearing of Neoprene or PVC gloves to be worn is recommended should be worn during the application period.
Footwear <i>AS –NZS 2210</i>	The wearing of enclosed footwear is recommended to be worn during the application period.
Clothing <i>AS –NZS 2919</i>	The wearing of anti-static clothing made on natural or synthetic fibre to be worn during the application period.
Hearing <i>AS –NZS 1270</i>	Not required
Other Requirements	Avoid contact with eyes and skin at all times. Wash all protective equipment after the application period.



PHYSICAL – CHEMICAL PROPERTIES

Appearance	A yellow coloured liquid with a mild odour.
pH	Not required.
Vapour Pressure <i>(Butyl Acetate = 1)</i>	Less than 1
Boiling Point °C	100 to 200 ° Celsius
Density	1.0 {calculated value}
Solubility in water	Miscible
Flash Point °C	Non Flammable
Flammability	Not required
Limits	
Auto Ignition °C	Not Known
Volatile Organic Compounds VOC	Not Known
Volatile Components	Not required

STABILITY and REACTIVITY

Chemical Stability	Stable under normal conditions of use.
Conditions to avoid	Avoid contact with heat.
Hazardous decomposition products	On heating, containers may rupture.
Incompatible materials	Incompatible with organic amines and alkali
Hazardous Reactions	Will not polymerize.

TOXICOLOGICAL INFORMATION

<i>Ingredient</i>	<i>Inhalation</i>	<i>Dermal</i>	<i>Oral</i>
	<i>LC₅₀(rat)</i>	<i>LD₅₀(rabbit)</i>	<i>LD₅₀(rat)</i>
Ortho Phosphoric Acid	Not Known	2740 mgm/kgm	1530 mgm/kgm
Ethylene Glycol Mono Butyl Ether	20 mgm/Litre	220 mgm/kgm	470 mgm/kgm
Acute Inhalation Toxicity	Low toxicity.		
Acute Dermal Toxicity	Low toxicity.		
Acute Oral Toxicity	Low toxicity.		

TOXICOLOGICAL INFORMATION (CONTINUED)

Health Effects – Toxicological and Other Health Information

Inhalation	No data available
Ingestion	No data available.
Eyes	If in eyes, may cause other symptoms including burning sensation, redness, swelling and/or blurred vision. Also, may cause decreased in colour perception.
Skin	May have degreasing effect on the skin may result in contact dermatitis. Repeated or prolonged exposure may cause skin dryness and cracking.
Carcinogenic	Not carcinogenic in animal studies
Mutagenic	Not mutagenic in animal studies.
Reproductive Toxicity	No data available.

ECOLOGICAL INFORMATION

<i>Environment</i>	May cause long lasting harmful effects in the aquatic environment.
<i>Persistence/ Degradability</i>	No data available.
<i>Mobility</i>	No data available
<i>Environment Protection</i>	Not Known



DISPOSAL CONSIDERATIONS

Collect all residues and placed into labelled and sealed containers. Do not incinerate empty containers after use. Dampen all unwanted cloths and rags in water prior to disposal. Do not recycle contents. Crush all small empty containers after dilute the remains with water. Ensure all contents do not pollute waterways, drains and sewage

TRANSPORT INFORMATION

UN number	Not Defined		
Proper Shipping Name	Not Required		
Class	Not Classified	Subsidiary Risk	Not Required
Packing Group	Not Defined		
Emergency Procedures	Not Required	Initial Emergency Response Guide	Not Required
HAZCHEM	Not Required		
IMDG	Not Defined.		



REGULATORY INFORMATION

Regulatory Information and Hazard Category	The product is classified as Hazardous Substance in accordance to SAFE WORK AUSTRALIA {HSIS} and Globally Harmonised System as Harmful and Irritant.
SUSMP Classification	Classified as a Schedule S 5 Poison.

OTHER INFORMATION

Emergency Contact	Poisons Information Centre 13 11 26	HiChem Paint Technologies
Disclaimer		(03) 9796 3400

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