

Section 1 Identification of the material and the supplier

Product: Propspeed Propprep

Product Code: Propprep 1Litre: 784-1LTR, 500ml: 784-500, Wipes: PPW10

Product Use: Specialised acid cleaner and deruster

Supplier: Oceanmax International Ltd
PO Box 83 232
Edmonton
Auckland 0652
New Zealand
www.propspeed.com
Telephone: 0800 LESS FUEL (0800 5377 3835)
Fax: +64 9 813 5246

Emergency Response Telephone: New Zealand Only 0800 243 622
(24 hours, 365 days) Australian Only 1800 127 406
Global Access +64 4 917 9888

NZ National Poisons Centre Telephone: 0800 POISON (0800 764 766)

Date of SDS Preparation: 10 September 2015

Section 2 Hazards Identification

Hazardous Status: Classified as hazardous according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001

EPA Approval Code: Cleaning products (Corrosive) – HSR002526

GHS Classification: Harmful if swallowed, Cat 4
Harmful (dermal), Cat 5
Corrosive to metals, Cat 2
Causes skin burns and severe eye damage, Cat 2A
May cause long lasting harmful effects to aquatic life, Cat 4
Harmful to terrestrial vertebrates, Cat 3

GHS Pictograms:



GHS Signal Word: DANGER

HSNO Classification	Hazard Code	Hazard Statement
6.1D (oral)	H302	Harmful if swallowed.
6.1E (dermal)	H313	May be harmful in contact with skin.
8.1A	H290	May be corrosive to metals.
8.2C	H314	Causes severe skin burns and eye damage.
8.3A	H318	Causes serious eye damage.
9.1D	H413	May cause long lasting harmful effects to aquatic life.
9.3C	H433	Harmful to terrestrial vertebrates.

All chemicals present in this product are on the TSCS List

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P234	Keep only in original container.
P260	Do not breathe mist/vapours/spray.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Response Code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P303 + P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P363	Wash contaminated clothing before reuse.
P304 + P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P310	Immediately call a POISON CENTER or doctor/physician.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P390	Absorb spillage to prevent material damage.

Storage Code	Storage Statement
P405	Store locked up.
P406	Store in corrosive resistant container with a resistant inner liner.

Disposal Code	Disposal Statement
P501	Do not let this product enter the environment. Do not dispose of in waterways or sewers. Dispose of this material and its container as hazardous waste, via a licensed hazardous waste contractor. See local council for disposal/recycling information.

Section 3 Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Phosphoric acid	20%	7664-38-2
2-Butoxyethanol	<10%	111-76-2
Nonionic Surfactant low, less than 5% w/w	<5%	
Water	To balance	7732-18-5

Section 4 First Aid Measures

If in Eyes	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if needed.
If on Skin	Wash with soap and water. Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if needed.
If Swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water. Do NOT induce vomiting. Call a physician immediately.
If Inhaled	Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if needed.
Advice to the doctor	Treat symptomatically, as for phosphoric acid.
First aid facilities	Eye wash and safety shower.

Section 5 Fire Fighting Measures

Section 5.	Fire Fighting Measures
Hazard Type	Non-combustible
Hazards from decomposition products	Contact with most common metals may generate hydrogen, a flammable gas.
Suitable Extinguishing media	Water fog
Precautions for firefighters and special protective clothing	If product involved in fire, then firefighters must be warned of highly corrosive nature of material. Wear chemical splash suit including boots. Keep containers cool to minimise further damage. Keep spillage away from aluminum or zinc containers and fittings.
HAZCHEM CODE	2R

Section 6 Accidental Release Measures

Wear protective PVC gloves, chemical goggles and PVC boots. Contain spill with earth and sand. Where practical, transfer spilt material to clean polyethylene containers for disposal. Transfer contaminated earth or sand into polyethylene containers for disposal. Neutralise residual acid with soda ash or lime. Wash down area with excess water. Do not allow to drain or watercourse. Dispose of solid residues in chemical waste disposal area in accordance with relevant Local Council requirements. Use licensed trade waste contractor to dispose of all chemical residues.

Section 7 Handling and Storage

- Precautions for safe handling:**
- Read label and safety data sheet before use.
 - Keep out of reach of children.
 - Do not breathe vapour or mist.
 - Use only outdoors or in a well-ventilated area.
 - Keep only in original container.
 - Avoid release to the environment.
 - Observe personal protective equipment requirements detailed in Section 8.
 - Wash hands thoroughly after handling.

Conditions for safe storage:

- Store indoors in a dry, well ventilated area.
- Keep containers tightly sealed when not in use.
- Protect from physical damage.
- Store in corrosive resistant container with a resistant inner liner.
- Store away from incompatible materials.

Packaging: 1L HDPE Bottle
 500ml HDPE Bottle
 Propprep wipes (individual sachets contain 37.5ml of liquid)

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	CAS #	TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³
Phosphoric Acid	7664-38-2		1mg/m ³		

Workplace Exposure Standard – Time Weighted Average (WES-TWA).The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

Engineering Controls: A local mechanical exhaust system is required where vapour or mist is being generated.

Personal Protective Equipment:

Respiratory: If inhalation risk exists, wear respirator or air-wash hood complying with the requirements of AS 1715 and AS 1716.

Hand Protection: Wear impervious gloves.

Eye Protection: Tight fitting safety goggles or face shield should be used.

Skin Protection: Wear full protective overalls and rubber boots.

Hygiene Measures: Exercise proper industrial hygiene practices. Wash after handling, especially before eating, smoking or drinking. Contaminated clothing should be immediately removed.

General: These precautions are for handling the product in normal conditions and application techniques. This product must not be sprayed during application.

Section 9

Physical and Chemical Properties

Appearance:	Colourless Liquid
Odour:	Solvent
Odour Threshold:	Data not available
pH (at 20°C):	< 2
Melting Point/Freezing Point (°C):	Data not available
Initial Boiling Point & Boiling Range (°C):	> 100
Flash Point (°C):	Data not available
Flammability (solid, gas):	Data not available
Explosive Limits:	Data not available
Vapour Pressure (Pa):	Data not available
Vapour Density:	Data not available
Relative Vapour Density (air = 1):	Data not available
Solubility(ies):	Completely miscible with water
Partition Co-efficient: n-octanol/water:	Data not available
Auto-ignition Temperature:	Data not available
Decomposition Temperature:	Data not available
Kinetic Viscosity:	Data not available
Particle Characteristics:	Data not available
Specific Gravity at 20°C (water = 1):	1.1 – 1.2

Section 10

Stability and Reactivity

Chemical Stability:	Stable under normal conditions of temperature and pressure.
Conditions to Avoid:	Avoid heat sources.
Incompatibility:	Keep away from alkalis, foodstuffs and empty foodstuff receptacles, and strong oxidizing agents.
Hazardous Decomposition Products:	Contact with metals may generate hydrogen, a flammable gas.

Section 11

Toxicological Information

Acute Oral Toxicity:

Phosphoric acid = LD50(Rat) = 1530mg/kg

Acute Dermal Toxicity:

Phosphoric acid = LD50 (Rabbit) = 2740mg/kg

Chronic Effects:

Inhalation: Inhalation of vapour or mist may cause irritation of, or burns to, the mucous membranes.

Skin Contact: Contact with the skin may cause severe irritation or burns.

Eye Contact: Liquid contact with the eyes may cause severe irritation or serious eye damage.

Ingestion: Causes severe irritation or burns to the throat and gastrointestinal tract. Concentrated solutions are moderately toxic.

Section 12

Ecotoxicological Information

HSNO Classifications:	9.1D = Harmful to aquatic life. 9.3C = Harmful to terrestrial vertebrates.
Environmental Precautions:	Avoid contaminating waterways and soil. Toxic to aquatic life and harmful to terrestrial vertebrates with possible long lasting effects.
Toxicity:	LD50(Rat): 1530mg/kg
Mobility:	No data.
Degradability:	No data.
Bioaccumulation:	No data.

Section 13

Disposal Considerations

Use solutions of soda ash or lime under controlled conditions. Normally neutralization or dilution is required for land fill disposal. The particular circumstances should be discussed with the relevant authority. Dispose of solid residues in chemical waste disposal area in accordance with relevant local authority regulations. Use licensed trade waste contractor to dispose of all chemical residues.

Containers: Empty containers must be decontaminated. Containers should be drained and triple rinsed with fresh water prior to return to recycling or disposal to approved landfill site.

Section 14

Transport Information

This product is a Dangerous Good for land transport in New Zealand according to NZS5433: 2012

UN No	1805
Class-primary	8
Packing Group	III
Proper Shipping Name	PHOSPHORIC ACID, SOLUTION (10% w/w)
Hazchem	2R
Marine Pollutant	No



Section 15**Regulatory Information**

Group Standard: **HSR002526 - Cleaning Products - Corrosive**

HSNO Classes: 6.1D (oral), 6.1E (dermal), 8.1A, 8.2C, 8.3A, 9.1D, 9.3C

HSNO Controls: **Level 2:**
SDS required when any quantity is present in a workplace.

Level 3:
Emergency Response Plan and Secondary Containment required when >1,000L is present in a workplace.
Corrosive signage required when >1,000L is stored.
Ecotoxic signage required when >10,000L is stored.

Trigger quantities for this substance:

	Trigger Quantity
Approved Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000L (8.1A)
Emergency Response Plan trigger Quantities	10 000L (8.2C)

Section 16**Other Information**

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

Disclaimer

This document has been compiled by TCC on behalf of the manufacturer of the product and serves as the manufacturer's Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, TCC accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

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Please contact the New Zealand proprietor, Oceanmax, if further information is required.

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