

## Section 1 Identification of the material and the supplier

Product: Propspeed Propprep  
 Jurisdiction: New Zealand  
 Product Use: Specialised acid cleaner and deruster

New Zealand Supplier: Oceanmax International Ltd  
 PO Box 83 232  
 Edmonton  
 Auckland 0652  
 New Zealand  
 www.propspeed.com

NZ Emergency Telephone: 0800 CHEMCALL (0800 243 622)  
 For any Hazardous Substance Emergency  
 (24 hours, 365 days)

Date of SDS Preparation: 14 January 2013 – version 1

## Section 2 Hazards Identification

This substance is hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001

EPA Approval Code: Cleaning products (Corrosive) – HSR002526

GHS Pictograms:



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	Toxic to aquatic life. 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.
P104	Read safety data sheet before use
P234	Keep only in original container.
P260	Do not breathe fumes or vapours.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear suitable protective clothing

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

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

Disposal Code	Disposal Statement
P501	Dispose of according to local regulations

### 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 25ml's of liquid)

## Section 8 Exposure Controls / Personal Protection

### WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

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

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

Physical State:	Clear Liquid
Odour:	Solvent
Solubility:	Completely miscible with water
pH (concentrate)	Less than 2 @ 20°C
Boiling point:	>100°C
Specific Gravity:	1.10 – 1.20 @ 20°C

## 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 alkalies, 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

## 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

### Road and Rail Transport

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

### Marine Transport

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

### Air Transport

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

**Section 15****Regulatory Information****New Zealand:**

HSNO Classes: 6.1E, 6.1D, 8.1A, 8.2C, 8.3A, 9.1D, 9.3C

EPA Approval Code: Cleaning Products (Corrosive) – HSR002526

HSNO Controls

Trigger quantities for this substance:

	<b>Trigger Quantity</b>
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.

The information herein is given in good faith, but no warranty, express or implied is made.

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

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