

**Section 1. Identification of the material and the supplier**

Product: Propspeed Propclean  
 Product Code: Propclean wipes: PCW10, PCWIPE10  
 As Propspeed kits: RPS500 (500ml), RPS200 (200mL), PSLKIT, PSMKIT, PSSKIT  
 Product Use: Specialised cleaner / degreaser

**New Zealand Supplier:** Propspeed International Ltd  
 23 Akatea Road  
 Glendene  
 Auckland 0602  
[www.propspeed.com](http://www.propspeed.com)  
 Email: info@propspeed.com

Telephone: +64 9 524 1470  
 Fax: +64 9 813 5246

**Australian Supplier:** 18/5 Daintree Place,  
 West Gosford,  
 NSW 2250, Australia

Telephone: 1800 677 436

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

Date of SDS Preparation: 15 September 2021

**Section 2. Hazards Identification**

**Australia:**  
 Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia

**New Zealand:**  
 This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

**EPA Approval No: Cleaning Products (Flammable) – HSR002528**

**Pictograms:**



**Signal Word: DANGER**

GHS Classification and Category	Hazard Code	Hazard Statement
Flammable Liquids Cat. 2	H225	Highly flammable liquid and vapour.
Eye irritation Cat. 2	H319	Causes serious eye irritation.
Reproductive toxicity Cat. 2	H361	Suspected of damaging fertility or the unborn child ...

Specific target organ toxicity – repeated exposure Cat. 2	H373	May cause damage to organs through prolonged or repeated exposure.
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Prevention Code	Prevention Statement
P103	Read label before use.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from sparks, open flames or hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe fumes and vapours.
P264	Wash hands thoroughly after handling.
P280/1	Wear protective clothing and equipment

Response Code	Response Statement
P314	Get medical advice/attention if you feel unwell.
P338	Remove contact lenses, if present and easy to do. Continue rinsing.
P303 + P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P370 + P378	In case of fire: Use water spray or fog for extinction

Storage Code	Storage Statement
P405	Store locked up.
P403 + P235	Store in a well-ventilated place. Keep cool.

Disposal Code	Disposal Statement
P501	Dispose of according to local regulations

**Section 3. Composition / Information on Hazardous Ingredients**

Ingredients	Wt%	CAS NUMBER.
Ethanol	<95	64-17-5
Methanol	<5	67-56-1
Water	Bal	7732-18-5

**Section 4. First Aid Measures**

If in Eyes	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
If on Skin	Remove/Take off immediately all contaminated clothing and footwear. Rinse skin with water/shower. Seek medical help if needed.
If Swallowed	Rinse mouth. Never give anything by mouth to an unconscious person. INDUCE vomiting with finger down the back of the throat, ONLY IF CONSCIOUS. Lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Seek medical help if needed.
If Inhaled	Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if needed.

**Most important symptoms and effects, both acute and delayed**

Symptoms:

**Ingestion:** Not applicable.  
**Inhalation:** Not applicable.  
**Skin:** Not applicable.  
**Eye:** Causes serious eye irritation.

**Chronic:** Suspected of damaging fertility or the unborn child.  
 May cause damage to organs through prolonged or repeated exposure.

**Section 5. Fire Fighting Measures**

<b>Hazard Type</b>	Flammable liquid
<b>Hazards from combustion products</b>	On combustion, may emit toxic fumes of carbon monoxide (CO)
<b>Suitable Extinguishing media</b>	Water spray or fog. Foam. Carbon dioxide. Dry chemical powder. Bromochlorodifluoromethane (BCF) (where regulations permit).
<b>Precautions for firefighters and special protective clothing</b>	Alert Fire Brigade and tell them location and nature of hazard. May be violently or explosively reactive. Wear breathing apparatus plus protective gloves. Prevent, by any means available, spillage from entering drains or water course. Consider evacuation (or protect in place) Fight fire from a safe distance, with adequate cover. If safe, switch off electrical equipment until vapour fire hazard removed. Use water delivered as a fine spray to control the fire and cool adjacent area. Avoid spraying water onto liquid pools. Do not approach containers suspected to be hot. Cool fire exposed containers distance to source of ignition. Heating may cause expansion / decomposition with violent rupture of containers.
<b>HAZCHEM CODE</b>	<b>2YE</b>

**Section 6. Accidental Release Measures**

Avoid any exposure. Do not smoke, use open fire or other sources of ignition. For personal protection, see section 8. Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes.

**Small Spills:**

Contain and absorb small quantities with vermiculite or other absorbent material. Wipe up. Collect residues in a flammable waste container.

**Major Spills:**

Water spray or fog may be used to disperse/absorb vapour. Contain spill with sand, earth or vermiculite. Use only spark-free shovels and explosion proof equipment. Collect recoverable product into labeled containers for recycling. Absorb remaining product with sand, earth or vermiculite. Collect solid residues and seal in labeled drums for disposal. Wash area and prevent runoff into drains. If contamination of drains or waterways occurs, advise emergency services. Dispose of according to local regulations.

**Section 7. Handling and Storage**

**Precautions for safe handling:**

- Read label before use.
- Do not handle until all safety precautions have been read and understood.
- Keep away from sparks, open flames or hot surfaces. No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical, ventilating and lighting
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Do not breath fumes and vapours.
- Wash hands thoroughly after handling.
- Wear protective clothing and equipment.

- Use in well ventilated area.
- Prevent concentration in hollows and sumps.
- DO NOT enter confined spaces until atmosphere has been checked.
- Vapour may ignite on pumping or pouring due to static electricity.
- Works clothes should be laundered separately.
- Atmosphere should be regularly checked against established exposure standards to ensure safe and working conditions.

**Conditions for safe storage:**

- Store locked up.
- Store in a well-ventilated place. Keep cool.
- Store in original containers in approved flame-proof area.
- DO NOT store in pits, depressions, basements or areas where vapours may be trapped.
- Keep containers securely sealed.
- Store away from incompatible materials listed in Section 10.
- Protect containers against physical damage and check regularly for leaks.
- Observe manufacturer's storing and handling recommendations.

**Section 8 Exposure Controls / Personal Protection**

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

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Ethanol (Ethyl alcohol) [64-17-5]	1,000	1,880		
Methanol (skin), (bio) (Methyl alcohol) [67-56-1]	200	262	250	328

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. Workplace Exposure Standards and Biological Exposure Indices NOV 2020 12TH EDITION.

**Engineering Controls:**

None required when handling small quantities.

**Personal Protection Equipment**



<b>Eyes</b>	Tight fitting safety goggles or face shield should be used. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.
<b>Hands</b>	Wear PVC gloves and welding gloves.
<b>Skin</b>	Wear safety footwear, overalls, impervious protective clothing. Barrier Cream and an eye wash station should be provided.
<b>Respiratory</b>	In case of inadequate ventilation, use positive pressure full-mask or appropriate cartridge face mask.
<b>Hygiene</b>	Wash hands after handling. When using do not eat, drink or smoke. Personal protection may not be worn during meal breaks. Personal protection must be kept separate from other clothes. Do not store tobacco, food or beverage in work rooms or areas where the product is used. Contaminated clothing to be placed in closed container until disposal or decontamination. Warn cleaning personnel of chemical's hazardous properties.

**Section 9 Physical and Chemical Properties**

<b>Appearance</b>	Liquid
<b>Colour</b>	Colourless
<b>Odour</b>	Alcohol
<b>Odour Threshold</b>	Not available

<b>pH</b>	Not available
<b>Boiling Point</b>	78°C
<b>Melting Point</b>	-117°C
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	15°C
<b>Flammability</b>	Not available
<b>Upper and Lower Explosive Limits</b>	3.0 - 19%
<b>Vapour Pressure</b>	5700 Pa
<b>Relative Vapour Density</b>	1.59 (air=1)
<b>Specific Gravity(water=1)</b>	0.79 @20°C
<b>Water Solubility</b>	Completely miscible with water
<b>Partition Coefficient:</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available
<b>Particle Characteristics</b>	Not available
<b>Evaporation Rate</b>	Not available

### Section 10. Stability and Reactivity

<b>Stability of Substance</b>	This product is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Not available
<b>Conditions to Avoid</b>	Avoid heat, flames and other sources of ignition.
<b>Incompatible Materials</b>	Avoid reaction with, oxidizers, peroxides, strong acids, acid chlorides, acid anhydrides, strong alkalis.
<b>Hazardous Decomposition Products</b>	On combustion, may emit toxic fumes of carbon monoxide (CO).

### Section 11 Toxicological Information

#### Acute Effects:

<b>Swallowed</b>	Not applicable.
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	Not applicable.
<b>Eye</b>	Causes serious eye irritation.
<b>Skin</b>	Not applicable.

#### Chronic Effects:

<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	Suspected of damaging fertility or the unborn child.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	May cause damage to organs through prolonged or repeated exposure.

#### Ingredient Data:

##### Ethanol

Toxicity		Irritation	
Oral (rat) LD50	7060 mg/kg	Skin (rabbit)	20mg/24hr-moderate
Oral (human) LDLo	1400 mg/kg	Skin (rabbit)	400 mg (open)-mild
Oral (man) TDLo	50 mg/kg	Eye (rabbit):	100mg/24hr-moderate
Oral (man) TDLo:	1.40 mg/kg	Eye (rabbit)	500 mg SEVERE
Oral (woman) TDLo:	256 mg/kg/12 wks		
Inhalation (rat) LC50	20,000 ppm/10h		

##### Methanol



**Section 15****Regulatory Information****Australia:**

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

**New Zealand:**

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: **Cleaning Products (Flammable) – HSR002528**

<b>HSW (HS) Regulations 2017 and EPA Notices</b>	<b>Trigger Quantity</b>
Certified Handler	Not required
Location Certificate	100L(>5L), 250L (<5L), 50L open
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	250L
Emergency Response Plan	1000L
Secondary Containment	1000L
Fire Extinguisher Quantities	250L – 2x
Restriction of Use	Only use for the intended purpose.

**Section 16****Other Information****Glossary**

Cat	Category
EC <sub>50</sub>	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD <sub>50</sub>	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

**References:****Australia:**

1. Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
2. Standard for the Uniform Scheduling of Medicines and Poisons.
3. Australian Code for the Transport of Dangerous Goods by Road & Rail.
4. Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
5. Workplace exposure standards for airborne contaminants, Safe work Australia.
6. American Conference of Industrial Hygienists (ACGIH).
7. Globally Harmonised System of classification and labelling of chemicals.

**New Zealand:**

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2020 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

**Disclaimer**

This document has been prepared by TCC (NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd 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 (NZ) have 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 (NZ) Ltd accept 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 Manufacturer or Australian supplier, if further information is required.

Issue Date: 15 September 2021 Review Date: 15 September 2026

### Section 1. Identification of the material and the supplier

Product: Propspeed Propprep  
Product Code: Propprep 1 Litre: 784-1LTR, PP1L. 500 mL: 784-500, PP500.  
Wipes: PPW10, PPWIPE10.  
As Propspeed kits:RPS500 (500ml), RPS200 (200mL), PSLKIT, PSMKIT, PSSKIT, PSCKIT

Product Use: Specialised metal surface treatment used prior to coating.

**New Zealand Supplier:** Propspeed International Ltd  
23 Akatea Road  
Glendene  
Auckland 0602  
[www.propspeed.com](http://www.propspeed.com)  
Email: info@propspeed.com

Telephone: +64 9 524 1470  
Fax: +64 9 813 5246

**Australian Supplier:** 18/5 Daintree Place,  
West Gosford,  
NSW 2250, Australia

Telephone: 1800 677 436

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

Date of SDS Preparation: 15 September 2021

### Section 2. Hazards Identification

**Australia:**  
Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia

**New Zealand:**  
This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

**EPA Approval Code: Cleaning products (Corrosive, combustible) – HSR002527**

**Pictograms:**



Signal Word: **DANGER**

GHS Classification and Category	Hazard Code	Hazard Statement
Flammable Liquids Cat. 4	H227	Combustible liquid.
Corrosive to metals Cat. 1	H290	May be corrosive to metals.

Skin corrosion Cat. 1C	H314	Causes severe skin burns and eye damage.
Serious eye damage Cat. 1	H318	Causes serious eye damage.
Hazardous to terrestrial vertebrates	H433	Hazardous to terrestrial vertebrates

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P210	Keep away from heat, sparks, open flames or hot surfaces. No smoking.
P234	Keep only in original container.
P260	Do not breathe fumes, vapours or spray.
P264	Wash hands thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective clothing as detailed in Section 8.

Response Code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P310	Immediately call a POISON CENTER or doctor/physician.
P363	Wash contaminated clothing before reuse.
P390	Absorb spillage to prevent material damage.
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.
P370 + P378	In case of fire: Use water fog for extinction.

Storage Code	Storage Statement
P405	Store locked up.
P406	Store in corrosive resistant container with a resistant inner liner.
P403 + P235	Store in a well-ventilated place. Keep cool.

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 Surfactants	<5%	Proprietary
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. Immediately call a POISON CENTER or doctor/physician.
If on Skin	Wash with soap and water. Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician.
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.

**Most important symptoms and effects, both acute and delayed**

Symptoms:

<b>Ingestion:</b>	Not applicable.
<b>Inhalation:</b>	Not applicable.
<b>Skin:</b>	Causes severe skin burns.
<b>Eye:</b>	Causes serious eye damage.

**Section 5. Fire Fighting Measures**

<b>Hazard Type</b>	Combustible
<b>Hazards from decomposition products</b>	Contact with most common metals may generate hydrogen, a flammable gas.
<b>Suitable Extinguishing media</b>	Water fog
<b>Precautions for firefighters and special protective clothing</b>	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.
<b>HAZCHEM CODE</b>	<b>2R</b>

**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:**

- Keep out of reach of children.
- Read label before use.
- Keep away from heat, sparks, open flames or hot surfaces. No smoking.
- Keep only in original container.
- Do not breathe fumes, vapours or spray.
- Wash hands thoroughly after handling.
- Avoid release to the environment.
- Wear protective clothing as detailed in Section 8.

**Conditions for safe storage:**

- Store indoors in a dry, well-ventilated area. Keep cool.
- 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 as detailed in Section 10.
- Store locked up.

**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	-	1	-	-
2-Butoxyethanol	111-76-2	25	121	-	-

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. Workplace Exposure Standards and Biological Exposure Indices NOV 2020 12TH EDITION.

### Engineering Controls:

A local mechanical exhaust system is required where vapour or mist is being generated. An eye wash bottle must be available at the work site.

### Personal Protection Equipment



<b>Eyes</b>	Tight fitting safety goggles or face shield should be used. Avoid wearing contact lenses.
<b>Hands</b>	Wear impervious gloves.
<b>Skin</b>	Wear full protective overalls and rubber boots.
<b>Respiratory</b>	If inhalation risk exists, wear respirator or air-wash hood complying with the requirements of AS 1715 and AS 1716.
<b>General</b>	These precautions are for handling the product in normal conditions and application techniques. This product must not be sprayed during application.
<b>Hygiene</b>	Exercise proper industrial hygiene practices. Wash after handling, especially before eating, smoking or drinking. Contaminated clothing should be immediately removed

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	Liquid
<b>Colour</b>	Colourless
<b>Odour</b>	Solvent
<b>Odour Threshold</b>	Not available
<b>pH</b>	< 2 @ 20°C
<b>Boiling Point</b>	>100°C
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	64°C
<b>Flammability</b>	Combustible
<b>Upper and Lower Explosive Limits</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Relative Vapour Density</b>	Not available
<b>Specific Gravity</b>	1.10 – 1.20 g/cm <sup>3</sup>
<b>Water Solubility</b>	Completely miscible with water
<b>Partition Coefficient:</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available
<b>Particle Characteristics</b>	Not available

## Section 10. Stability and Reactivity

<b>Stability of Substance</b>	Stable under normal conditions of temperature and pressure.
<b>Possibility of hazardous reactions</b>	Not available.

<b>Conditions to Avoid</b>	Heat, flames and other sources of ignition.
<b>Incompatible Materials</b>	Keep away from alkalies, foodstuffs and empty foodstuff receptacles, and strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Contact with metals may generate hydrogen, a flammable gas

<b>Section 11</b>	<b>Toxicological Information</b>
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**Acute Effects:**

<b>Swallowed</b>	Not triggered however, causes severe irritation or burns to the throat and gastrointestinal tract. Concentrated solutions are moderately toxic.
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	Not applicable.
<b>Eye</b>	Causes serious eye damage.
<b>Skin</b>	Causes severe skin burns.

**Chronic Effects:**

<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	Not applicable.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	Not applicable.

**Ingredient Data:**

**Acute Oral Toxicity:**

Phosphoric acid = LD<sub>50</sub>(Rat) = 1530mg/kg

**Acute Dermal Toxicity**

Phosphoric acid = LD<sub>50</sub> (Rabbit) = 2740mg/kg

<b>Section 12.</b>	<b>Ecotoxicological Information</b>
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Hazardous to terrestrial vertebrates.

**Toxicity:** LD<sub>50</sub>(Rat): 1530mg/kg

<b>Persistence and degradability</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other adverse effects</b>	No data available

Do not allow to enter waterways.

<b>Section 13.</b>	<b>Disposal Considerations</b>
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**Disposal Method:**

Spent media that has removed toxic chemicals should be examined for specific hazards. Spilled product may be recovered for use if it has not come in contact with liquids or been exposed to significant amounts of gaseous contaminants. Dispose of according to Local Regulations.

Ensure any container holding waste product or contaminated spill media is labelled "Hazardous Waste – Combustible, Corrosive" and that the label also has the Corrosive pictogram, waste type identifier, and the business name, address, and phone number.

**Precautions or methods to avoid:** Avoid release to the environment.

**Section 14 Transport Information**

**Australia - This product is classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) (7th edition).**

**New Zealand - This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2012**

**Road, Rail, Sea and Air Transport**

<b>UN No</b>	1805
<b>Class – Primary</b>	8
<b>Packing Group</b>	III
<b>Proper Shipping Name</b>	PHOSPHORIC ACID, SOLUTION (10% w/w)
<b>Marine Pollutant</b>	No
<b>Special Provisions</b>	If the product's individual container is below 1L, it can be transported as a non-DG as long as the product packaging is still labelled as per DG requirements and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG.

**Section 15 Regulatory Information****Australia:**

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Classified as a **Schedule 5** Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

**New Zealand:**

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: **Cleaning Products (Corrosive, Combustible) – HSR002527**

<b>HSW (HS) Regulations 2017 and EPA Notices</b>	<b>Trigger Quantity</b>
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000L
Emergency Response Plan	10 000L
Secondary Containment	10 000L
Fire Extinguisher Quantities	250L – 2x
Restriction of Use	Only use for the intended purpose.

**Section 16 Other Information****Glossary**

Cat	Category
EC <sub>50</sub>	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD <sub>50</sub>	Lethal dose to kill 50% of test animals/organisms.

LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

#### References:

##### Australia:

1. Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
2. Standard for the Uniform Scheduling of Medicines and Poisons.
3. Australian Code for the Transport of Dangerous Goods by Road & Rail.
4. Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
5. Workplace exposure standards for airborne contaminants, Safe work Australia.
6. American Conference of Industrial Hygienists (ACGIH).
7. Globally Harmonised System of classification and labelling of chemicals.

##### New Zealand:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2020 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

#### Disclaimer

This document has been prepared by TCC (NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd 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 (NZ) have 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 (NZ) Ltd accept 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 Manufacturer or Australian supplier, if further information is required.

Issue Date: 15 September 2021      Review Date: 15 September 2026

**Section 1. Identification of the material and the supplier**

Product: Propspeed Clear Coat  
 Product Code: In Propspeed kits 782A(1L), 783A (500ml, 783kit (200mL), 782D (400mL). PSLKIT, PSMKIT, PSSKIT, CC320, PSCKIT  
 Product Use: Propellor Coating

**New Zealand Supplier:** Propspeed International Ltd  
 23 Akatea Road  
 Glendene  
 Auckland 0602  
[www.propspeed.com](http://www.propspeed.com)  
 Email: info@propspeed.com

Telephone: +64 9 524 1470  
 Fax: +64 9 813 5246

**Australian Supplier:** 18/5 Daintree Place,  
 West Gosford,  
 NSW 2250, Australia

Telephone: 1800 677 436

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

Date of SDS Preparation: 15 September 2021

**Section 2. Hazards Identification**

**Australia:**  
 Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia

**New Zealand:**  
 This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

**EPA Approval Code: Surface Coatings and Colourants (Flammable, Carcinogenic) – HSR002669**

**Pictograms:**



Signal Word: **Warning**

GHS Classification and Category	Hazard Code	Hazard Statement
Flammable Liquids Cat. 3	H226	Flammable liquid and vapour.
Skin irritation Cat. 2	H315	Causes skin irritation.
Eye irritation Cat. 2	H319	Causes serious eye irritation.

Skin sensitisation Cat. 1	H317	May cause an allergic skin reaction.
Carcinogenicity Cat. 2	H351	Suspected of causing cancer.
Reproductive toxicity Cat. 2	H361	Suspected of damaging fertility or the unborn child
Specific target organ toxicity – repeated exposure Cat. 2	H373	May cause damage to organs through prolonged or repeated exposure

**Prevention Code          Prevention Statement**

P103	Read label before use.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, sparks, open flames or hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground, bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe dust, fumes, gas, mist, vapours or spray.
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective clothing as detailed in Section 8.
P281	Use personal protective equipment as required.

**Response Code          Response Statement**

P314	Get medical advice/attention if you feel unwell.
P362	Take off contaminated clothing and wash before re-use.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P303 + P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P370 + P378	In case of fire: Use AFFF alcohol compatible foam or water spray (fog) for extinction.

**Storage Code          Storage Statement**

P405	Store locked up.
P403 + P235	Store in a well-ventilated place. Keep cool.

**Disposal Code          Disposal Statement**

P501	Dispose of according to local regulations
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**Section 3.          Composition / Information on Hazardous Ingredients**

Ingredient name	Cas Number	Content Weight %
1-Propanamine,3-(triethoxysilyl)-	919-30-2	0.1 – 1
Xylene	1330-20-7	5 – 10
Ethylbenzene	100-41-4	5 – 10
White mineral oil (Petroleum)	8042-47-5	1 – 5
2-Butanone, oxime	96-29-7	0.1 – 1

**Section 4.          First Aid Measures**

If in Eyes          Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

If on Skin	Remove contaminated clothing immediately and wash skin with soap and water. Important to remove the substance from the skin immediately. Continue to rinse for at least 15 minutes and seek medical attention. If skin irritation or rash occurs: Get medical advice/attention.
If Swallowed	Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician immediately.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Apply artificial respiration if not breathing. Get medical advice if breathing becomes difficult.

### Most important symptoms and effects, both acute and delayed

Symptoms:

**Ingestion:** Not applicable.

**Inhalation:** Not applicable.

**Skin:** Causes skin irritation. May cause an allergic skin reaction.

**Eye:** Causes serious eye irritation.

**Chronic:** Suspected of damaging fertility or the unborn child. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.

## Section 5. Fire Fighting Measures

<b>Hazard Type</b>	Flammable liquid
<b>Hazards from decomposition products</b>	Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Silica. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde. Hydrogen, nitrogen products.
<b>Suitable Extinguishing media</b>	On large fires use AFFF alcohol compatible foam or water spray (fog). On small fires use AFFF alcohol compatible foam, CO <sub>2</sub> or water spray (fog). Water can be used to cool fire exposed containers. Most fire extinguishing media will cause hydrogen release. Thus, in poorly ventilated or confined spaces, the accumulation of hydrogen may result in flash fire or explosion if ignited. Applying foam may release flammable hydrogen gas that can be trapped under the foam. Unsuitable: Dry powder. Do not allow extinguishing medium to contact container contents
<b>Precautions for firefighters and special protective clothing</b>	A self-contained respirator and protective clothing should be worn. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool. Vapours may form explosive mixtures with air.
<b>HAZCHEM CODE</b>	<b>3Y</b>

## 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. 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 before use.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.

- Keep away from heat, sparks, open flames or hot surfaces. No smoking.
- Keep container tightly closed.
- Ground, bond container and receiving equipment.
- Use explosion-proof electrical, ventilating and lighting.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Do not breathe dust, fumes, gas, mist, vapours or spray.
- Wash hands thoroughly after handling.
- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective clothing as detailed in Section 8.
- Use personal protective equipment as required.

#### Conditions for safe storage:

- Store away from incompatible materials listed in Section 10
- Store in a flameproof, well-ventilated area.
- Electrostatic charges may be generated during transfer of product from its container.
- Ensure that all equipment is electrically earthed.
- Keep container closed and store away from water or moisture.
- This product may evolve hydrogen on storage.
- Vapours may form explosive mixtures with air.
- Do not store with oxidizing agents.
- Store locked up.

### 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>
Ethyl benzene	[100-41-4]	100	434	125	543
Xylene	[1330-20-7]	50	217	-	-

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. Workplace Exposure Standards and Biological Exposure Indices NOV 2020 12TH EDITION.

#### Engineering Controls:

Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapours. An eye wash bottle must be available at the work site. Mix and prepare in a place with efficient exhaust ventilation.

#### Personal Protection Equipment



<b>Eyes</b>	Tight fitting safety goggles or face shield should be used. Avoid wearing contact lenses.
<b>Hands</b>	Wear protective gloves, Nitrile gloves are recommended.
<b>Skin</b>	Wear impervious overalls if significant skin contact is likely to occur.
<b>Respiratory</b>	Suitable respiratory protection should be worn in confined spaces or in case of inadequate ventilation. A suitable respirator must be worn if during use an aerosol or mist is generated.
<b>General</b>	These precautions are for handling the product in normal conditions and application techniques. This product must not be sprayed during application.
<b>Hygiene</b>	Exercise proper industrial hygiene practices. Wash after handling, especially before eating, smoking or drinking. Contaminated clothing should be immediately removed

<b>Section 9</b>	<b>Physical and Chemical Properties</b>
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<b>Appearance</b>	Liquid
<b>Colour</b>	Translucent
<b>Odour</b>	Solvent / Petrol
<b>Odour Threshold</b>	Not available
<b>pH</b>	Not available
<b>Boiling Point</b>	136.2 – 144.4°C
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	28.2°C
<b>Flammability</b>	Not available
<b>Upper and Lower Explosive Limits</b>	1.1 – 7vol %
<b>Vapour Pressure</b>	1333 Pa
<b>Relative Vapour Density</b>	3.7 (air=1)
<b>Specific Gravity</b>	Not available
<b>Water Solubility</b>	Insoluble in water, soluble in organic solvents
<b>Partition Coefficient:</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity @ 25°C</b>	500-800cst
<b>Particle Characteristics</b>	Not available

<b>Section 10. Stability and Reactivity</b>
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<b>Stability of Substance</b>	This product is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Not available
<b>Conditions to Avoid</b>	Avoid heat, flames and other sources of ignition.
<b>Incompatible Materials</b>	Hydrogen is liberated on contact with water, alcohols, acidic or basic materials, many metals or metallic compounds and can form explosive mixtures in the air. Can react with strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Silica. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde. Hydrogen, nitrogen products.

<b>Section 11 Toxicological Information</b>
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**Acute Effects:**

<b>Swallowed</b>	Not triggered however small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may cause digestive discomfort. Forms methanol and may cause serious injury to man at doses > 200mg/kg
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	Not applicable.
<b>Eye</b>	Causes serious eye irritation.
<b>Skin</b>	Causes skin irritation. Repeated or prolonged contact may cause defatting of the skin leading to dermatitis. May cause an allergic skin reaction.

**Chronic Effects:**

<b>Carcinogenicity</b>	Suspected of causing cancer.
<b>Reproductive Toxicity</b>	Suspected of damaging fertility or the unborn child.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	May cause damage to organs through prolonged or repeated exposure.

**Ingredient Data:****Oral Toxicity**

Xylene LD50 (mouse) =1700 mg/kg

**Inhalation**

Xylene LD50 (rat) =29.08mg/kg

**Section 12. Ecotoxicological Information**

This product is not hazardous to the environment.

<b>Persistence and degradability</b>	Silicone content, biologically not degradable.
<b>Bioaccumulation</b>	No bioaccumulation predicted.
<b>Mobility in Soil</b>	Siloxanes are removed from water by sedimentation or binding to sewage sludge. In soil, siloxanes are degraded. This product hydrolyses in water or moist air, releasing methanol and organosilicons. This product contains volatile substances which may spread in the atmosphere.
<b>Other adverse effects</b>	No data available

**Section 13. Disposal Considerations****Disposal Method:**

Spent media that has removed toxic chemicals should be examined for specific hazards. Spilled product may be recovered for use if it has not come in contact with liquids or been exposed to significant amounts of gaseous contaminants. Dispose of according to Local Regulations.

Ensure any container holding waste product or contaminated spill media is labelled "Hazardous Waste – Flammable" and that the label also has the Flammable Pictogram, waste type identifier, and the business name, address, and phone number.

**Precautions or methods to avoid:** None known.

**Section 14 Transport Information**

**Australia - This product is classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) (7th edition).**

**New Zealand - This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2012**

**Road, Rail, Sea and Air Transport**

<b>UN No</b>	1263
<b>Class - Primary</b>	3
<b>Packing Group</b>	III
<b>Proper Shipping Name</b>	PAINT
<b>Marine Pollutant</b>	No
<b>Special Provisions</b>	If the product's individual container is below 5L, it can be transported as a non-DG as long as the product packaging is still labelled as per DG requirements and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG.

## Section 15 Regulatory Information

### Australia:

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

### New Zealand:

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: **Surface Coatings and Colourants (Flammable, Carcinogenic) – HSR002669**

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	500L(>5L), 1500L (<5L), 250L open
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000L
Emergency Response Plan	1000L
Secondary Containment	1000L
Fire Extinguishers	At least 2 x 4.5kg extinguishers required when >500L stored.
Restriction of Use	Only use for the intended purpose.

## Section 16 Other Information

### Glossary

Cat	Category
EC <sub>50</sub>	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD <sub>50</sub>	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

### References:

#### Australia:

1. Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
2. Standard for the Uniform Scheduling of Medicines and Poisons.
3. Australian Code for the Transport of Dangerous Goods by Road & Rail.
4. Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
5. Workplace exposure standards for airborne contaminants, Safe work Australia.
6. American Conference of Industrial Hygienists (ACGIH).
7. Globally Harmonised System of classification and labelling of chemicals.

#### New Zealand:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2020 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012

## 5. HSW (Hazardous Substances) Regulations 2017

## Disclaimer

This document has been prepared by TCC (NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd 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 (NZ) have 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 (NZ) Ltd accept 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 Manufacturer or Australian supplier, if further information is required.

Issue Date: 15 September 2021 Review Date: 15 September 2026

**Section 1. Identification of the material and the supplier**

Product: Propspeed Etching Primer Base

Product Code: Component in Propspeed kits: PSLKIT, PSMKIT, PSSKIT, PSCKIT, 782A(1L), RPS500 (500ml), RPS200 (200mL), and Etching Hardener kit (782BC), EPKIT.

Product Use: Metal Primer Base (Part A)

**New Zealand Supplier:** Propspeed International Ltd  
23 Akatea Road  
Glendene  
Auckland 0602  
[www.propspeed.com](http://www.propspeed.com)  
Email: info@propspeed.com

Telephone: +64 9 524 1470  
Fax: +64 9 813 5246

**Australian Supplier:** 18/5 Daintree Place,  
West Gosford,  
NSW 2250, Australia

Telephone: 1800 677 436

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

Date of SDS Preparation: 15 September 2021

**Section 2. Hazards Identification**

**Australia:**  
Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia

**New Zealand:**  
This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

**EPA Approval No: Surface Coatings and Colourants (Flammable, Corrosive, Toxic [6.7]) – HSR002664**

**Pictograms:**



**Signal Word: DANGER**

GHS Classification and Category	Hazard Code	Hazard Statement
Flammable Liquids Cat. 2	H225	Highly flammable liquid and vapour.
Eye irritation Cat. 2	H319	Causes serious eye irritation.
Skin sensitisation Cat. 1	H317	May cause an allergic skin reaction.

Germ cell mutagenicity Cat. 1	H340	May cause genetic defects.
Carcinogenicity Cat. 1	H350	May cause cancer.
Reproductive toxicity Cat. 2	H361	Suspected of damaging fertility or the unborn child ...
Specific target organ toxicity – repeated exposure Cat. 2	H373	May cause damage to organs through prolonged or repeated exposure.
Skin corrosion Cat. 1C	H314	Causes severe skin burns and eye damage.
Hazardous to the aquatic environment chronic Cat. 2	H411	Toxic to aquatic life with long lasting effects.

<b>Prevention Code</b>	<b>Prevention Statement</b>
P102	Keep out of reach of children.
P103	Read label before use.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, sparks, open flames or hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground, bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe dust, fumes, gas, mist, vapours or spray.
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective clothing as detailed in Section 8.
P281	Use personal protective equipment as required.

<b>Response Code</b>	<b>Response Statement</b>
P101	If medical advice is needed, have product container or label at hand.
P310	Immediately call a POISON CENTER or doctor/physician.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P301 + P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
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.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P370 + P378	In case of fire: Use carbon dioxide or dry powder for extinction.

<b>Storage Code</b>	<b>Storage Statement</b>
P405	Store locked up.
P403 + P235	Store in a well-ventilated place. Keep cool.

<b>Disposal Code</b>	<b>Disposal Statement</b>
P501	Dispose of according to local regulations

### **Section 3. Composition / Information on Hazardous Ingredients**

<b>Ingredient name</b>	<b>Content Weight%</b>	<b>CAS No.</b>
Propan-2-ol	30-60	67-63-0

2-Methylpropan-1-ol	10-30	78-83-1
Zinc chromate	5-10	13530-65-9
Xylene	5-10	1330-20-7
Talc	1-5	14807-96-6

#### Section 4. First Aid Measures

Burns	Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital.
If in Eyes	Immediately flush with plenty of water. Remove any contact lenses and open eyes wide apart. Call an ambulance and continue flushing during transportation to hospital. Bring these instructions.
If on Skin	Remove contaminated clothing immediately and wash skin with soap and water. Important to remove the substance from the skin immediately. Continue to rinse for at least 15 minutes and seek medical attention.
If Swallowed	Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. 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.

#### Most important symptoms and effects, both acute and delayed

Symptoms:

**Ingestion:** Not applicable.

**Inhalation:** Not applicable.

**Skin:** Causes severe skin burns May cause an allergic skin reaction.

**Eye:** Causes serious eye irritation.

**Chronic:** May cause genetic defects. May cause cancer. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

#### Section 5. Fire Fighting Measures

<b>Hazard Type</b>	Flammable liquid
<b>Hazards from combustion products</b>	None in particular
<b>Suitable Extinguishing media</b>	Extinguish with carbon dioxide or dry powder.
<b>Precautions for firefighters and special protective clothing</b>	Selection of respiratory protection for fire- fighting: follow the general fire precautions indicated in the workplace.
<b>HAZCHEM CODE</b>	<b>3YE</b>

#### Section 6. Accidental Release Measures

Avoid any exposure. Do not smoke, use open fire or other sources of ignition. For personal protection, see section 8. Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes.

Absorb spillage with non-combustible, absorbent material. Do not use sawdust or other combustible material. Collect spillage in metal/plastic container with tight- fitting lid, with indication of the contents. Dispose as per Section 13.

#### Section 7. Handling and Storage

##### Precautions for safe handling:

- Read label before use.

- Read safety data sheet before use.
- Do not handle until all safety precautions have been read and understood.
- Keep away from heat, sparks, open flames and hot surfaces. No smoking.
- Keep container tightly closed.
- Use only non-sparking tools.
- Use explosion proof electrical equipment, ventilation and lighting
- Take precautionary measures against static discharge.
- Avoid breathing fumes and vapours or sprays.
- Wash hands thoroughly after handling.
- Contaminated work clothing should not be allowed out of the workplace.
- Avoid release to the environment.
- Wear protective clothing and protective equipment.

**Conditions for safe storage:**

- Store in a flameproof, well-ventilated area.
- Electrostatic charges may be generated during transfer of product from its container.
- Ensure that all equipment is electrically earthed.
- Keep container closed and store away from water or moisture.
- Vapours may form explosive mixtures with air.
- Do not store with oxidizing agents.
- Store locked up and away from children.

**Section 8 Exposure Controls / Personal Protection**

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

Substance		TWA		STEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Propan-2-ol	[67-63-0]	400	983	500	1250
Isobutyl alcohol	[78-83-1]	50	152	-	-
Zinc Chromates	[13530-65-9]	-	0.01	-	-
Xylene	[1330-20-7]	50	217	-	-
Talc, respirable dust	[14807-96-6]	-	2	-	-

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. Workplace Exposure Standards and Biological Exposure Indices NOV 2020 12TH EDITION.

**Engineering Controls:**

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours. An eye wash bottle must be available at the work site. Mix and prepare in a place with efficient exhaust ventilation.

**Personal Protection Equipment**



<b>Eyes</b>	Tight fitting safety goggles or face shield should be used. Avoid wearing contact lenses.
<b>Hands</b>	Wear protective gloves. Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable. Other types of gloves can be recommended by the glove supplier.
<b>Skin</b>	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
<b>Respiratory</b>	In case of inadequate ventilation, use positive pressure full face mask.
<b>Hygiene</b>	Wash hands after handling. When using do not eat, drink or smoke. Personal protection may not be worn during meal breaks. Personal protection must be kept

	separate from other clothes. Do not store tobacco, food or beverage in work rooms or areas where the product is used. Contaminated clothing to be placed in closed container until disposal or decontamination. Warn cleaning personnel of chemical's hazardous properties.
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### Section 9 Physical and Chemical Properties

<b>Appearance</b>	Liquid paint
<b>Colour</b>	Yellow
<b>Odour</b>	Solvent
<b>Odour Threshold</b>	Not available
<b>pH</b>	Not available
<b>Boiling Point</b>	81 - 108°C
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	14°C
<b>Flammability</b>	Highly Flammable
<b>Upper and Lower Explosive Limits</b>	1.1 – 12.0%
<b>Vapour Pressure</b>	4266 Pa
<b>Relative Vapour Density</b>	~ 2.1 (air=1)
<b>Specific Gravity</b>	0.87 – 0.92 g/cm <sup>3</sup>
<b>Water Solubility</b>	insoluble in water, soluble in organic solvents
<b>Partition Coefficient:</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	500 – 750cP
<b>Particle Characteristics</b>	Not available
<b>Evaporation Rate</b>	Not available

### Section 10. Stability and Reactivity

<b>Stability of Substance</b>	Stable under normal usage conditions. Curing time: 10 min – 60 min (20°C)
<b>Possibility of hazardous reactions</b>	Data not Available
<b>Conditions to Avoid</b>	Avoid heat, flames and other sources of ignition.
<b>Incompatible Materials</b>	Avoid contact with alkalis. Avoid contact with oxidisers or reducing agents.
<b>Hazardous Decomposition Products</b>	None in particular.

### Section 11 Toxicological Information

#### Acute Effects:

<b>Swallowed</b>	Not applicable.
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	Not applicable.
<b>Eye</b>	Causes serious eye irritation.
<b>Skin</b>	Causes severe skin burns. May cause an allergic skin reaction.

#### Chronic Effects:

<b>Carcinogenicity</b>	May cause cancer.
<b>Reproductive Toxicity</b>	Suspected of damaging fertility or the unborn child.
<b>Germ Cell Mutagenicity</b>	May cause genetic defects.
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	May cause damage to organs through prolonged or repeated exposure.

**Ingredient Data:****Acute Oral Toxicity**

Propan-2-ol	LD50(mouse)	= 3600 mg/kg
2-Methylpropan-1-ol	LD50 (rat)	= 2460 mg/kg
Xylene	LD50 (mouse)	= 1590 mg/kg

**Acute Dermal Toxicity**

2-Methylpropan-1-ol	LC50 (rat)	= 3400 mg/kg
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**Inhalation**

Xylene	LC50 (Mouse)	=27.6mg/L
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**Special Effects**

Contains: Zinc Chromate

Carcinogen Category 1. Known or suspected carcinogen for humans. May cause sensitisation.

<b>Section 12. Ecotoxicological Information</b>
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**Toxic to aquatic life with long lasting effects.**

Zinc chromate: L(E)C50 > 0.1 ≤ 1 mg/l

<b>Persistence and degradability</b>	The product hardens to a not readily degradable mass. This product is expected to be not readily.
<b>Bioaccumulation</b>	No data available
<b>Mobility in Soil</b>	The product hardens to a solid immobile substance. The product contains substances, which are water soluble and may spread in water systems. The product contains volatile substances, which may spread in the atmosphere.
<b>Other adverse effects</b>	No data available

Do not allow to enter waterways.

<b>Section 13. Disposal Considerations</b>
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**Disposal Method:**

Spent media that has removed toxic chemicals should be examined for specific hazards. Dispose of according to Local Regulations.

Ensure any container holding waste product or contaminated spill media is labelled "Hazardous Waste – Flammable, Chronic and Ecotoxic" and that the label also has the Flammable, Chronic and Ecotoxic Pictogram, waste type identifier, and the business name, address, and phone number.

**Precautions or methods to avoid:** Do not allow to enter into waterways.

<b>Section 14 Transport Information</b>
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**Australia - This product is classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) (7th edition).**

**New Zealand - This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2012**

**Road, Rail, Sea and Air Transport**

<b>UN No</b>	1263
<b>Class – Primary</b>	3
<b>Packing Group</b>	II
<b>Proper Shipping Name</b>	PAINT
<b>Marine Pollutant</b>	No
<b>Special Provisions</b>	If the product's individual container is below 5L, it can be transported as a non-DG as long as the product packaging is still labelled as per DG requirements and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG.

## Section 15 Regulatory Information

### Australia:

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

### New Zealand:

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: **Surface Coatings and Colourants (Flammable, Corrosive, Toxic [6.7]) – HSR002664**

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	100L(>5L), 250L (<5L), 50L open
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	250L
Emergency Response Plan	1000L
Secondary Containment	1000L
Fire Extinguishers	At least 2 x 4.5kg powder extinguishers required when 250L is present in a workplace.
Restriction of Use	Only use for the intended purpose.

## Section 16 Other Information

### Glossary

Cat	Category
EC <sub>50</sub>	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD <sub>50</sub>	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

### References:

#### Australia:

1. Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
2. Standard for the Uniform Scheduling of Medicines and Poisons.

3. Australian Code for the Transport of Dangerous Goods by Road & Rail.
4. Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
5. Workplace exposure standards for airborne contaminants, Safe work Australia.
6. American Conference of Industrial Hygienists (ACGIH).
7. Globally Harmonised System of classification and labelling of chemicals.

New Zealand:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2020 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

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

Please contact the New Zealand Manufacturer or Australian supplier, if further information is required.

Issue Date: 15 September 2021 Review Date: 15 September 2026

**Section 1. Identification of the material and the supplier**

Product: Propspeed Etching Primer Hardener

Product Code: Propspeed kits: PSLKIT, PSMKIT, PSSKIT, PSCKIT, 782A(1 L), RPS500 (500ml), RPS200 (200ml), or Etching Hardener kit (782BC), EPKIT.

Product Use: Metal Primer Hardener (Part B)

**New Zealand Supplier:** Propspeed International Ltd  
23 Akatea Road  
Glendene  
Auckland 0602  
[www.propspeed.com](http://www.propspeed.com)  
Email: info@propspeed.com

Telephone: +64 9 524 1470  
Fax: +64 9 813 5246

**Australian Supplier:** 18/5 Daintree Place,  
West Gosford,  
NSW 2250, Australia

Telephone: 1800 677 436

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

Date of SDS Preparation: 15 September 2021

**Section 2. Hazards Identification**

**Australia:**  
Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia

**New Zealand:**  
This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

**EPA Approval No: Surface Coatings and Colourants (Flammable, Corrosive) - HSR002663**

**Pictograms:**



**Signal Word: DANGER**

GHS Classification and Category	Hazard Code	Hazard Statement
Flammable Liquids Cat. 2	H225	Highly flammable liquid and vapour.
Skin corrosion Cat. 1C	H314	Causes severe skin burns and eye damage.
Serious eye damage Cat. 1	H318	Causes serious eye damage.

**Prevention Code                  Prevention Statement**

P102	Keep out of reach of children.
P103	Read label before use.
P210	Keep away from heat, sparks, open flames or hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilation and lighting.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe fumes, vapours and spray.
P264	Wash hands thoroughly after handling.
P280	Wear protective clothing in Section 8.

**Response Code                  Response Statement**

P101	If medical advice is needed, have product container or label at hand.
P310	Immediately call a POISON CENTER or doctor/physician.
P363	Wash contaminated clothing before reuse.
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.
P370 + P378	In case of fire: Use AFFF alcohol compatible foam or water spray for extinction.

**Storage Code                  Storage Statement**

P405	Store locked up.
P403 + P235	Store in a well-ventilated place. Keep cool.

**Disposal Code                  Disposal Statement**

P501	Dispose of according to local regulations
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**Section 3.                  Composition / Information on Hazardous Ingredients**

Ingredient name	Content Weight%	CAS No.
Propan-2-ol	67-63-0	60-100
Phosphoric Acid	7664-38-2	10-20
Non-hazardous ingredients		To balance

**Section 4.                  First Aid Measures**

Burns	Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital.
If in Eyes	Immediately flush with plenty of water. Remove any contact lenses and open eyes wide apart. Call an ambulance and continue flushing during transportation to hospital. Bring these instructions.
If on Skin	Remove contaminated clothing immediately and wash skin with soap and water. Important to remove the substance from the skin immediately. Continue to rinse for at least 15 minutes and seek medical attention.
If Swallowed	Never give anything by mouth to an unconscious person. 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.

**Most important symptoms and effects, both acute and delayed**

Symptoms:

**Ingestion:** Not applicable.  
**Inhalation:** Not applicable.  
**Skin:** Causes severe skin burns.  
**Eye:** Causes serious eye damage.

**Section 5. Fire Fighting Measures**

<b>Hazard Type</b>	Flammable liquid
<b>Hazards from combustion products</b>	None in particular
<b>Suitable Extinguishing media</b>	Extinguish with carbon dioxide or dry powder.
<b>Precautions for firefighters and special protective clothing</b>	Selection of respiratory protection for fire- fighting: follow the general fire precautions indicated in the workplace.
<b>HAZCHEM CODE</b>	<b>3WE</b>

**Section 6. Accidental Release Measures**

Avoid any exposure. Do not smoke, use open fire or other sources of ignition. For personal protection, see section 8. Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes.

Absorb spillage with non-combustible, absorbent material. Do not use sawdust or other combustible material. Collect spillage in metal/plastic container with tight- fitting lid, with indication of the contents. Dispose as per Section 13.

**Section 7. Handling and Storage**

**Precautions for safe handling:**

- Read label before use.
- Read safety data sheet before use.
- Keep away from heat, sparks, open flames and hot surfaces. No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use only non-sparking tools.
- Use explosion proof electrical equipment, ventilation and lighting
- Take precautionary measures against static discharge.
- Avoid breathing fumes and vapours or sprays.
- Wash hands thoroughly after handling.
- Wear protective clothing.

**Conditions for safe storage:**

- Store in a flameproof, well-ventilated area.
- Electrostatic charges may be generated during transfer of product from its container.
- Ensure that all equipment is electrically earthed.
- Keep container closed and store away from water or moisture.
- Vapours may form explosive mixtures with air.
- Do not store with oxidizing agents.
- Store locked up and away from children.

## Section 8

## Exposure Controls / Personal Protection

## WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Propan-2-ol	400	983	500	1250
Phosphoric Acid	-	1	-	-

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. Workplace Exposure Standards and Biological Exposure Indices NOV 2020 12TH EDITION.

**Engineering Controls:**

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours. An eye wash bottle must be available at the work site. Mix and prepare in a place with efficient exhaust ventilation.

**Personal Protection Equipment**

<b>Eyes</b>	Tight fitting safety goggles or face shield should be used. Avoid wearing contact lenses.
<b>Hands</b>	Wear protective gloves. Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable. Other types of gloves can be recommended by the glove supplier.
<b>Skin</b>	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
<b>Respiratory</b>	In case of inadequate ventilation, use positive pressure full face mask.
<b>Hygiene</b>	Wash hands after handling. When using do not eat, drink or smoke. Personal protection may not be worn during meal breaks. Personal protection must be kept separate from other clothes. Do not store tobacco, food or beverage in work rooms or areas where the product is used. Contaminated clothing to be placed in closed container until disposal or decontamination. Warn cleaning personnel of chemical's hazardous properties.

## Section 9

## Physical and Chemical Properties

<b>Appearance</b>	Liquid
<b>Colour</b>	Transparent liquid (part 8 of two-pot system)
<b>Odour</b>	Solvent
<b>Odour Threshold</b>	Not available
<b>pH</b>	Not available
<b>Boiling Point</b>	81°C
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	15°C
<b>Flammability</b>	Highly Flammable
<b>Upper and Lower Explosive Limits</b>	1.1 – 12.0%
<b>Vapour Pressure</b>	4266 Pa
<b>Relative Vapour Density</b>	1.4 – 1.7 (air=1)
<b>Specific Gravity</b>	0.85 – 0.95 g/cm <sup>3</sup>
<b>Water Solubility</b>	Soluble in water
<b>Partition Coefficient:</b>	Not available

<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available
<b>Particle Characteristics</b>	Not available
<b>Evaporation Rate</b>	Not available

#### Section 10. Stability and Reactivity

<b>Stability of Substance</b>	Stable under normal usage conditions. Curing time: 10 min – 60 min (20°C)
<b>Possibility of hazardous reactions</b>	Data not Available
<b>Conditions to Avoid</b>	Avoid heat, flames and other sources of ignition.
<b>Incompatible Materials</b>	Avoid contact with alkalis. Avoid contact with oxidisers or reducing agents.
<b>Hazardous Decomposition Products</b>	None in particular.

#### Section 11 Toxicological Information

##### Acute Effects:

<b>Swallowed</b>	Not applicable.
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	Not applicable.
<b>Eye</b>	Causes serious eye damage.
<b>Skin</b>	Causes severe skin burns.

##### Chronic Effects:

<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	Not applicable.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	Not applicable.

##### Ingredient Data:

###### Prop-2-01

<b>Toxicity</b>	
Oral (mouse) LD50	36000 mg/kg

#### Section 12. Ecotoxicological Information

This product is not hazardous to the environment.

<b>Persistence and degradability</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other adverse effects</b>	No data available

#### Section 13. Disposal Considerations

##### Disposal Method:

Spent media that has removed toxic chemicals should be examined for specific hazards. Dispose of according to Local Regulations.



EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD <sub>50</sub>	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

#### References:

##### Australia:

1. Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
2. Standard for the Uniform Scheduling of Medicines and Poisons.
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Issue Date: 15 September 2021      Review Date: 15 September 2026