

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
 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

Hazard Type	Flammable liquid
Hazards from combustion products	On combustion, may emit toxic fumes of carbon monoxide (CO)
Suitable Extinguishing media	Water spray or fog. Foam. Carbon dioxide. Dry chemical powder. Bromochlorodifluoromethane (BCF) (where regulations permit).
Precautions for firefighters and special protective clothing	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.
HAZCHEM CODE	2YE

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 ³	ppm	mg/m ³
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



Eyes	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.
Hands	Wear PVC gloves and welding gloves.
Skin	Wear safety footwear, overalls, impervious protective clothing. Barrier Cream and an eye wash station should be provided.
Respiratory	In case of inadequate ventilation, use positive pressure full-mask or appropriate cartridge face mask.
Hygiene	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

Appearance	Liquid
Colour	Colourless
Odour	Alcohol
Odour Threshold	Not available

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

Section 10. Stability and Reactivity

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

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Causes serious eye irritation.
Skin	Not applicable.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Suspected of damaging fertility or the unborn child.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	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

Toxicity		Irritation	
Oral (human) LDLo	143 mg/kg	Skin (rabbit)	20mg/24hr-moderate
Oral (man) LDLo	6422 mg/kg	Eye (rabbit)	40mg moderate
Oral (man) TDLo	3429 mg/kg	Eye (rabbit)	100mg/24hr-moderate
Oral (rat) TDLo	5628 mg/kg		
Inhalation (human) TCLo	86000 mg/m ³		
Inhalation (human) TCLo	300 ppm		
Inhalation (rat) LC50	64000 ppm/4h		
Dermal (rabbit) LD50:	15800 mg/kg		

Section 12. Ecotoxicological Information

This product is not hazardous to the environment.

Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

Toxicity Fish LC50(96): 11-15mg/L
 TLm(48Hr): 8000mg/L (trout)

Toxicity Arthropoda NOEL 10 g/L/48Hr Daphnia) (ICI)

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

UN No	1170
Class - Primary	3
Packing Group	II
Proper Shipping Name	ETHANOL SOLUTION
Marine Pollutant	No
Special Provisions	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.

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**

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 Extinguisher Quantities	250L – 2x
Restriction of Use	Only use for the intended purpose.

Glossary

Cat	Category
EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	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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Please contact the New Zealand Manufacturer or Australian supplier, if further information is required.

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