

**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](mailto: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. |
|-----------------------------------------------------------|------|--------------------------------------------------------------------|

| 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.<br>Carbon dioxide.<br>Dry chemical powder.<br>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.<br>May be violently or explosively reactive.<br>Wear breathing apparatus plus protective gloves.<br>Prevent, by any means available, spillage from entering drains or water course.<br>Consider evacuation (or protect in place)<br>Fight fire from a safe distance, with adequate cover.<br>If safe, switch off electrical equipment until vapour fire hazard removed.<br>Use water delivered as a fine spray to control the fire and cool adjacent area.<br>Avoid spraying water onto liquid pools.<br>Do not approach containers suspected to be hot.<br>Cool fire exposed containers distance to source of ignition.<br>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<br>ppm | mg/m <sup>3</sup> | ppm | STEL<br>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

| <b>Toxicity</b>       |                  | <b>Irritation</b> |                     |
|-----------------------|------------------|-------------------|---------------------|
| 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 <sup>3</sup> |               |                     |
| 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.**

|                                      |                   |
|--------------------------------------|-------------------|
| <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 |

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

|                             |                                                                                                                                                                                                                                                         |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>UN No</b>                | 1170                                                                                                                                                                                                                                                    |
| <b>Class - Primary</b>      | 3                                                                                                                                                                                                                                                       |
| <b>Packing Group</b>        | II                                                                                                                                                                                                                                                      |
| <b>Proper Shipping Name</b> | ETHANOL SOLUTION                                                                                                                                                                                                                                        |
| <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: **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. |

**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.

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