PROPCLEAN
Safety Data Sheet

Section 1 - Identification of the Material and the Supplier

1.1 Product identifier

Product name	Propspeed Propclean
Product code	Propclean wipes: PCW10, PCWIPE10 As Propspeed kits: RPS500 (500ml), RPS200 (200mL), PSLKIT, PSMKIT, PSSKIT

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Specialised cleaner / degreaser.
Restrictions of use	Refer to Section 15

1.3 Details of the supplier of the Safety Data Sheet

Supplier	Propspeed USA Inc. 8333 NW 53rd Street Suite 450 Doral, FL 33166 USA **www.propspeed.com** +1 754 346 4466

1.4 Emergency telephone number

Emergency Response Telephone (24 hours, 365 days)	USA & Canada - Call CHEMTREC Toll Free: 1-800-424-9300 +1-703-527-3887 New Zealand 0800 243 622 Australian 1800 127 406 Global Access + 64 4 917 9888
NZ National Poisons Centre Telephone	0800 POISON (0800 764 766)

Date of SDS Preparation	29 April 2024, Version 5

Section 2 - Hazards identification

Hazardous Status: This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

EPA Approval Code: Cleaning Products (Flammable) – HSR002528

GHS pictograms:

Flammable Chronic Irritant

GHS Signal word: **Danger**

HSNO Classification	Hazard Code	Hazard Statement	GHS Category
3.1B	H225	Highly flammable liquid and vapour.	Flam. Liq. 2
6.4A	H319	Causes serious eye irritation.	Eye Irrit. 2A
	H302	Harmful if swallowed	AT oral 4
	H312	Harmful in contact with skin	AT derm. 4
	H332	Harmful if inhaled	AT inh. 4
6.8B	H361	Suspected of damaging fertility or the unborn child	Repr. 2
	H370	Causes damage to organs	STOT SE 1
6.9B	H373	May cause damage to organs through prolonged or repeated exposure.	STOT RE 2

Prevention Code	Prevention Statement
P103	Read label 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, 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
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 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

Section 3 - Composition/information on ingredients

Hazard Component

Ingredient name	CAS No.	Content Weight%
Ethanol	64-17-5	< 95
Methanol	67-56-1	< 3
Water	7732-18-5	Balance

Section 4 - First aid measures

If in Eyes	Immediately flush with plenty of water. Remove any contact lenses and open eyes wide apart. If eye irritation persists: Get medical advice/attention.
If on Skin	Wash with soap and water. Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if needed.
If Swallowed	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 – Firefighting measures

Hazard Type	Flammable liquid
Hazards from decomposition 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	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 labelled containers for recycling. Absorb remaining product with sand, earth or vermiculite. Collect solid residues and seal in labelled drums for disposal. Wash area and prevent runoff into drains. If contamination of drains or waterways occur, 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)

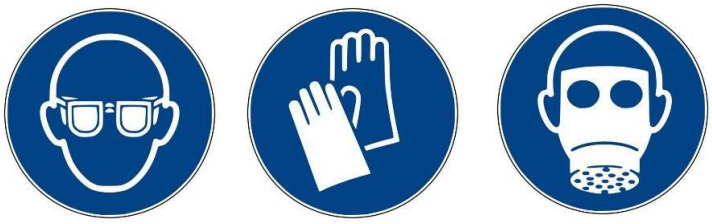
Substance	TWA		STEL	
	ppm	mg.m³	ppm	mg.m³
Ethanol [64-17-5]	1000	1900		
Methanol (skin), (bio) [67-56-1]	200	262		

USA OSHA Permissible Exposure Limits (PELs) Table Z-1, April 2024. 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 workingday and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

Engineering Controls:

None required when handling small quantities.

Personal Protection Equipment



Respiratory	In case of inadequate ventilation, use positive pressure full-mask or appropriate cartridge face mask.
Hands	Wear PVC gloves and welding gloves
Eyes	Tight fitting safety goggles or face shield should be used. Avoid wearing contact lenses.
Skin	Wear full protective overalls and rubber boots.
Hygiene	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

Appearance	liquid
Colour	colourless
Odour	alcohol
Odour threshold	data not available
pH	data not available
Boiling point	78 °C
Melting point	-117 °C
Freezing point	data not available
Flash point	15 °C
Flammability	data not available
Upper and lower Explosive Limits	3.0 - 19%
Vapour pressure	5700 Pa
Relative vapour density	1.59 (air = 1)
Specific gravity	0.79 @ 20 °C
Water solubility	Completely miscible with water
Partition coefficient	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
Viscosity	data not available
Particle Characteristics	data not available

Section 10 – Stability and reactivity

Stability of Substance	Stable under normal conditions.
Possibility of hazardous reactions	Not available
Conditions to 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 (Acute)
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		

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/m3		
Inhalation (human) TCLo	300 ppm		
Inhalation (rat) LC50	64000 ppm/4h		
Dermal (rabbit) LD50:	15800 mg/kg		

Section 12 – Ecotocicological information

This product is not hazardous to the environment.

Environmental Precautions

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

Supporting Data

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. 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

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

	Road and Rail	Marine Transport (IMDG	Air Transport (IATA)
UN number	1170	1170	1170
UN proper shipping name	ETHANOL SOLUTION	ETHANOL SOLUTION	ETHANOL SOLUTION
Transport hazard class(es)	3	3	3
Packing group	II	II	II



Hazchem	2YE	2YE	2YE
Marine Pollutant		No	
EmS		F-E, S-D	

Limited Quantities Statement:
If the product's individual container is below 1L/kg, 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

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

EPA Approval Code: Cleaning Products (Flammable) – HSR002528
HSNO Classes: 3.1B, 6.4A, 6.8B, 6.9B

HSNO Controls
Trigger quantities for this substance:

HSW (HS) Regulations 2017 and EPA Notices	**Trigger Quantity**
Certified Handler	Not required
Location Certificate	100L(>5L), 250L (<5L), 50L open (3.1B)
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	250L(3.1B)
Emergency Response Plan	1000L(3.1B)
Secondary Containment	1000L(3.1B)
Fire Extinguishers	At least 2 x 4.5kg powder extinguishers required when 2500L is present in a workplace.
Restriction of Use	Only use for the intended purpose.

Section 16 – Other information

Glossary

EC50 Median effective concentration.
EEL Environmental Exposure Limit.
EPA Environmental Protection Authority
HSNO Hazardous Substances and New Organisms

HSW	Health and Safety at Work.
LC50	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD50	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
STOT/SE	Specific target organ toxicity – single exposure
STOT/RE	Specific target organ toxicity – repeated exposure
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

Reference:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2017 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

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