



MSCLEAN

Safety Data Sheet

According to Regulation (EC) No. 1907/2006
(amended by Regulation (EU) No. 2020/878)

Date of revision 2026-01-06, Version 1

Section 1 - Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name	MSClean
Product Code	Component in Foulfree Multi Surface Kits: FFKITMS-S, FFKITMS-M.

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

Identified uses	Specialised cleaner/degreaser for composite surfaces.
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1.3 Details of the supplier of the Safety Data Sheet

Supplier	Propspeed International Limited PO Box 83232 Edmonton Auckland New Zealand www.propspeed.com
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Telephone	+64 9 524 1470
Telefax	+64 9 813 5246

E-mail (competent person) info@propspeed.com

1.4 Emergency telephone number

Emergency number	+ 33 (0)1 45 42 59 59 (Centre AntiPoison et de Toxicovigilance, France) (24hrs/d – 365 d/year)
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Section 2 - Hazards identification**2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No. 1272/2008:

Hazard class	Hazard category	H-Code
Flammable liquids	Category 2	H225
Serious eye damage / eye irritation	Category 2	H319
Specific target organ toxicity — single exposure	Category 3	H336

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 (CLP)

UFI: XXYX-E1KU-D00T-YHNP**Hazard pictograms:****Signal word: DANGER****Contains:** Propan-2-ol**Hazard statements:****[H-Code: Hazard information]**

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

Precautionary statements:**[P-Code: Safety information]**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233: Keep container tightly closed.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P403 + P235: Store in a well-ventilated place. Keep cool.

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Section 3 - Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Description of the mixture

Alcohol-based degreaser.

Hazardous ingredients

CAS No.	CE No.	Substance	Concentration %	Classification according to Regulation (EC) No. 1272/2008	
	REACH registration No.				
67-63-0	200-661-7	Propan-2-ol	>95	Flam. Liq. 2 Eye Irrit. 2 STOT SE 3	H225 H319 H336
	01-2119457558-25	Index REACH No. 603-117-00-0			

Section 4 - First aid measures

4.1 Description of first aid measures

General information:

- First aider: pay attention to self-protection.
- Remove victim to safety. Remove contaminated clothing.

- Inform all medical personnel of the materials involved so that the appropriate individual protection measures are observed and to avoid spreading contamination.

Following inhalation:

- Remove victim to fresh air and keep at rest in a position comfortable for breathing. Breathe fresh air while keeping victim warm.
- In all cases of doubt, or when symptoms persist, seek medical advice

Following skin contact:

- Remove contaminated clothing immediately.
- Wash with plenty of water. Continue to rinse for several minutes.
- Shower immediately in case of significant contamination.
- In all cases of doubt, or when symptoms persist, seek medical advice

Following eye contact:

- Flush immediately with plenty of flowing water for at least 10 minutes. Hold eyelids apart to rinse the entire surface of the eye.
- Remove contact lenses if those can be easily removed.
- In case of eye irritation consult an ophthalmologist.

Following ingestion:

- Rinse mouth.
- Call a doctor/physician if you feel unwell.
- Breathe fresh air.
- Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Vomiting, Irritation, Dizziness, Drowsiness, Narcosis.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Section 5 – Firefighting measures**5.1 Extinguishing media****Suitable extinguishing media:**

Water spray, alcohol resistant foam, dry extinguishing powder, BC-powder, carbon dioxide (CO₂).

Unsuitable extinguishing media:

Strong water jet.

5.2 Special hazards arising from the substance or mixture

Flammable liquid.

Beware of flashback.

Combustible. In case of insufficient ventilation and/or in use, may form flammable/explosive vapour/air mixture. Solvent vapours are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

Hazardous combustion products: In case of fire may be liberated: Carbon monoxide (CO), Carbon dioxide (CO₂)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus.

Section 6 - Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Since the product is only supplied in small quantities, the risk of accidental release is low. However, always take the following precautions:

- Wear personal protective equipment (see section 8).
- Provide adequate ventilation.
- Do NOT touch the product and avoid contact with skin, eyes and clothing.
- Do NOT breathe vapour, spray and fumes.
- Remove all sources of ignition and take precautionary measures against static discharges.

6.2 Environmental precautions

Do not allow to enter drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill: Covering of drains.

Advice on how to clean up a spill: Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

Other information relating to spills and releases: Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5

Incompatible materials: see section 10.

Personal protective equipment: see section 8.

Disposal considerations: see section 13.

Section 7 - Handling and storage

7.1 Precautions for safe handling

- Read label before use and observe label precautions.
- Read safety data sheet before use.
- Provide adequate ventilation or use outdoors.
- Avoid concentration of the product in confined spaces and measure / check the atmosphere.
- Wear personal protective clothing and equipment as per section 8.
- Keep away from heat, sparks, open flames and hot surfaces. — No smoking.
- Use explosion-proof electrical/ventilating/lighting equipment
- Ground/bond container and receiving equipment.
- Use only non-sparking tools and take precautionary measures against static discharges.
- Vapour may ignite on pumping or pouring due to static electricity.
- Do not breathe fume and vapours.
- Avoid contact with skin, eyes and clothing.
- Contaminated clothing should be removed immediately and must be washed before reuse.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feeding stuffs.
- Keep container tightly closed when not in use.
- Keep away from incompatible materials listed in section 10.
- Observe industry health and safety good practices.

7.2 Conditions for safe storage, including any incompatibilities

- Keep containers tightly closed.
- Store in a dry, cool and well-ventilated indoor place.
- Do not store in pits, depressions, basements or other areas where vapours may be trapped.
- Store containers in a flameproof, non-smoking area.
- Keep/store only in original container.
- Protect containers from physical damage and inspect regularly for deficiencies or leaks.
- Keep away from heat, sparks, open flames, hot surfaces and any source of ignition.
- Ground/bond container and receiving equipment.
- Protect from sunlight.
- Store away from incompatible materials as detailed in section 10.
- Store locked-up, in an area accessible only to trained and authorized personnel.
- Recommended storage temperature: < 25 °C
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7.3 Specific end use(s)

No specific use provided except for that mentioned in section 1.2.

Section 8 - Exposure controls/personal protection**8.1 Control parameters****8.1.1 Operational Exposure Limits (OEL)**

Ingredient	France		Italy		Spain	
	TWA	STEL	TWA	STEL	TWA	STEL
Propan-2-ol	980 mg/m ³ , 400 ppm	1225 mg/m ³ , 500 ppm	500 mg/m ³ , 200 ppm	1000 mg/m ³ , 400 ppm	500 mg/m ³ , 200 ppm	1000 mg/m ³ , 400 ppm

Ingredient	Netherlands		Greece		Croatia	
	TWA	STEL	TWA	STEL	TWA	STEL
Propan-2-ol	500 mg/m ³ , 200 ppm	1000 mg/m ³ , 400 ppm	500 mg/m ³ , 200 ppm	1000 mg/m ³ , 400 ppm	500 mg/m ³ , 200 ppm	1000 mg/m ³ , 400 ppm

(1) TWA Time-weighted average (long-term exposure limit): a value in relation to an 8-hour time-weighted average reference period

(2) STEL Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute reference period

8.1.2 Control Parameters

Derived No Effect Level (DNEL)

		Workers			
Component	Exposure	Acute / short-term Local Effects	Acute / short-term Systemic Effects	Long-term Local Effects	Long-term Systemic Effects
Propan-2-ol	Inhalation	1,000 mg/m ³	-	-	500 mg/m ³
	Dermal	-	-	-	888 mg/kg bw/day

Predicted No-Effect Concentration (PNEC)

Component	Environmental protection objective	PNEC Value
Propan-2-ol	Freshwater	140.9 mg/l
	Sediment (freshwater)	552 mg/kg
	Marine water	140.9 mg/l
	Sediment (marine water)	552 mg/kg
	Soil	28 mg /kg
	Sewage treatment plant (STP)	2.251 mg/l

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Provide adequate ventilation. Use explosion-proof electrical/ventilating/lighting/equipment. Do not breathe vapour or spray. Wear appropriate personal protective clothing and equipment. Ensure that eyewash stations and shower are close to the workstation location. Take off all contaminated clothing immediately. Personal protective clothing must be kept separate from other clothes. When using, do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs. Wash hands thoroughly before breaks and after work. Avoid any exposure for pregnant women. Warn cleaning personnel of chemical's hazardous properties. Observe industry health and safety good practices.

8.2.2 Personal protective equipment

Eye/face protection

Use tight fitting safety goggles or face shield, with side protection. European standard EN 166.

Avoid wearing contact lenses.

Hand protection

Protective gloves must be worn at all times.

Type of material (recommended): Nitrile rubber (NBR)

Material thickness: > 0.4 mm.

Breakthrough times of the glove material: > 480 min.

European standard EN 374.

Other types of gloves can be recommended by the glove supplier.

Inspect gloves prior to use. Be aware that the liquid may penetrate the gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the risk of cuts, abrasion and contact time. Warning: due to the many influencing factors (e.g. temperature), the duration of use of a chemical protective glove may be

significantly shorter than the breakthrough times determined by the tests. Frequent change is advisable. Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Ensure proper glove removal technique to avoid skin contact with contaminated surfaces. Dispose of contaminated gloves according to local laws and good workplace practices.

Skin and body protection

Wear flame retardant anti-static full protective equipment with long sleeves. Wear rubber protective footwear/boots.

Respiratory protection

Use appropriate certified respirator when there is a risk of inhalation:

- When adequate ventilation cannot be provided
- When exposure limits are exceeded
- When vapours/aerosols are generated.

Use appropriate personal protective equipment according to the concentrations and quantities of hazardous substances in the workplace, with half of full mask. Recommended filter: filter AX. In compliance with European standards NE 371. Observe the maximum wearing times of respiratory protection devices. Respiratory protective equipment must be the correct fit and be used and maintained properly. The employer must ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the manufacturer.



8.2.3 Environmental exposure controls

Do not let product enter drains, surface and ground water.

Section 9 – Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	liquid
Colour	colourless, transparent
Odour	alcohol
Odour threshold	1-196 ppm

pH	7
Melting point/freezing point	-89 °C
Boiling point	82-83 °C at 1.013 hPa
Flash point	12 °C
Evaporation rate	data not available
Flammability	data not available
Explosive limits	2 – 13.4 %
Vapour pressure	43 hPa
Density	0.79
Relative vapour density	2.07 (air=1)
Solubility	soluble in water
Partition coefficient (n-octanol/water)	0.05
Specific gravity	0.79 at 20 °C
Auto-ignition temperature	425 °C
Decomposition temperature	data not available
Viscosity	2.2mPa s at 20 °C
Molecular mass	data not available

Section 10 – Stability and reactivity

10.1 Reactivity

Stable under normal handling and storage conditions.

Other important information may be mentioned in other parts of this chapter.

10.2 Chemical stability

Stable under normal handling and storage conditions.

10.3 Possibility of hazardous reactions

Risk of ignition.

Vapours may form explosive mixture with air.

Exothermic reaction with: strong oxidiser, Iron, Nitric acid, Strong acid, Aldehydes, Aluminium, Amines, Danger of explosion: Chlorates, Nitro compound, Hydrogen peroxide, Phosgene

10.4 Conditions to avoid

Keep away from heat, open flames, hot surfaces and sources of ignition. No smoking.

Keep away from incompatible materials.

10.5 Incompatible materials

Oxidisers, peroxides, metals, strong acids, strong bases, acid chlorides, anhydride acids, strong alkalis, strong oxidizing agents, plastics, rubber, magnesium and zinc alloys.

10.6 Hazardous decomposition products

Hazardous combustion products: see section 5. Peroxides.

Section 11 – Toxicological information

11.1 Information on toxicological effects

A. COMPONENTS

[Porpan-2-ol]

Acute toxicity

LD50 (oral)	5.045 mg/kg (rat)
LC50 (inhalation)	37.5 mg/l/4h (rat)
LD50 (dermal)	12.8mg/kg (rabbit)

Skin corrosion/irritation

Negligible.

Eye damage/irritation

Causes severe eye irritation.

Skin sensitization/Sensitization to the respiratory tract

No.

Germ cell mutagenicity

No.

Carcinogenicity

No.

Reproductive toxicity

No.

Teratogenicity

No data available.

Specific target organ toxicity (single exposure)

May cause drowsiness or dizziness

Specific target organ toxicity (repeated exposure)

No.

Source: ECHA and French INRS

11.2 Further information

If swallowed: vomiting, nausea.

If in eyes: Causes serious eye irritation

If inhaled: dizziness, fatigue, narcosis.

If on skin: repeated exposure may cause skin dryness or cracking

Other adverse effects: Headache, Vertigo, Dyspnoea

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Section 12 – Ecological information**12.1 Toxicity****A. COMPONENTS**

Propan-2-ol	<p>Fish (Fathead minnow, Pimephales promelas) LC₅₀ – 9,640–10,000 mg/L – 96 h – freshwater</p> <p>Aquatic invertebrates (Daphnia magna) LC₅₀ – >10,000 mg/L – 24 h</p>
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12.2 Persistence and degradability**A. COMPONENTS**

Propan-2-ol	Readily biodegradable
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12.3 Bioaccumulative potential**A. COMPONENTS**

Propan-2-ol	<p>Partition coefficient: n-octanol/water Log Pow: 0.05</p> <p>Does not significantly accumulate in organisms. Bioaccumulation is not expected.</p>
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12.4 Mobility in soil**A. COMPONENTS**

Propan-2-ol	<p>No data available.</p> <p>Likely to be mobile in the environment due to its volatility and its solubility in water.</p>
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12.5 Results of PBT & vPvB assessment**A. COMPONENTS**

Propan-2-ol	Data not available.
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12.6 Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effect

Avoid release to the environment.

Section 13 – Disposal considerations**13.1 Waste treatment methods**

Dispose of product and container as hazardous waste. Dispose in accordance with European directives on waste and hazardous waste. Dispose of in accordance with local regulations. Keep in original container. Handle empty containers carefully, as residual vapours are flammable.

Product/packaging disposal




Dispose of containers contaminated by the product in accordance with local or national legal provisions. The European Waste Catalogue (2000/532/EC) classification of this product. Waste codes / waste designations according to LoW: 11 01 13* degreasing wastes containing hazardous substances. If this product is mixed with other wastes, the original waste product code may no longer apply, and the appropriate code should be assigned. For further information contact your local waste authority. Waste should not be disposed of by release to sewers. Using information provided in this safety data sheet, advice should be obtained from the local waste authority on the classification of empty containers.

Containers which are not properly cleaned may contain (highly) flammable or explosive vapours.

Special precautions: Use appropriate protective equipment for the removal and / or disposal of this product.

HP Codes: HP3, HP4, HP5

Section 14 – Transport information

	ADR/RID	IMDG	IATA
14.1 UN number	UN1219	UN1219	UN1219
14.2 UN proper shipping name	ISOPROPANOL	ISOPROPANOL	ISOPROPANOL
14.3 Transport hazard class(es)	3 	3 	3 
14.4 Packing group	II	II	II
14.5 Environmental hazard	No	No	No

Hazchem code 2YE.

14.6 Special precautions for user

Transport with local users: always transport in packaging that is correct and secure. Ensure that persons transporting the product are aware of the measures to be taken if an accident occurs or in case of accidental release.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Not available.

Section 15 – Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Observe EU and national regulations. For labelling information, please refer to section 2.

Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances (Seveso III): Not applicable.

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out by the manufacturer for this product.

Section 16 – Other information

Product

The information provided in this document is based on our knowledge at the date of its publication.

The properties of the product described do not constitute a warranty in the legal sense of the term. The provision of this document does not release the purchaser of the product from his responsibility to comply with legislations and regulations in force for this product. This statement applies for the resale and distribution of the product, or of substances or goods containing this product, in other jurisdictions and having regard to the industrial and commercial property rights of third parties. If the product described is transformed or mixed with other substances or materials, the information contained in this document may not be valid for the new product thus manufactured, unless explicitly mentioned. In case of repackaging of the product, the customer is required to provide the required safety information.

Legend

CAS	Chemical Abstracts Service
ppm	part per million
LD50	Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
LDLo	Lethal dose low
EC50	Effective Concentration 50%
vPvB	very Persistent and very Bioaccumulative
WEL	Workplace Exposure Limit
PBT	Persistent, Bioaccumulative and Toxic
DNEL	Derived No-Effect Level
PNEC	Predicted No-Effect Concentration
REACH	Regulation on Registration, Evaluation, Authorisation and Restriction of Chemical
CLP	Regulation on Classification, Labelling and Packaging of substances and mixtures
ADR/RID	European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG	International Maritime Dangerous Goods Code
IATA	International Air Transport Association
Flam. Liq.	Flammable liquid
Eye Irrit.	Eye irritation
Acute Tox.	Acute toxicity
STOT SE	Specific target organ toxicity - single exposure