

# SURFACE & ALCOHOL SPRAY (500 ML)

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
Issue date: 5/26/2020 Revision date: 3/31/2020 Supersedes: 3/31/2020 Version: 1.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Product name : SURFACE & ALCOHOL SPRAY (500 ML)  
EC Index-No. : 603-002-00-5  
EC-No. : 200-578-6  
CAS-No. : 64-17-5  
Product code : 4320

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

##### 1.2.1. Relevant identified uses

Main use category : Professional use

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

Pro Part International  
Molenakker 3  
5953 TW Reuver - Nederland  
T +31 (0) 77 476 2204  
[info@propart-international.com](mailto:info@propart-international.com) - [www.propart-international.com](http://www.propart-international.com)

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids, Category 2 H225  
Full text of H statements : see section 16

##### Adverse physicochemical, human health and environmental effects

Product is flammable and can be ignited by potential ignition sources.

#### 2.2. Label elements

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

Hazard pictograms (CLP)



GHS02

Signal word (CLP) : Danger  
Hazard statements (CLP) : H225 - Highly flammable liquid and vapour.  
Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, open flames, sparks, Keep away from ignition sources. No smoking.  
P233 - Keep container tightly closed.  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
P370+P378 - In case of fire: Use sand, carbon dioxide (CO2), extinguishing powder to extinguish.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P501 - Dispose of Contents and container, to an industrial incineration plant.

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UFI : XWXC-306W-W00V-AJUV

### 2.3. Other hazards

Other hazards not contributing to the classification : No additional information available.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
ethanol; ethyl alcohol	(CAS-No.) 64-17-5 (EC-No.) 200-578-6 (EC Index-No.) 603-002-00-5 (REACH-no) 01-2119457610-43	25 – 50	Flam. Liq. 2, H225

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Do not leave the affected person unattended. Move the affected person away from the contaminated area. Make the affected person rest and keep at warm. Immediately remove contaminated clothing or footwear. In all cases of doubt, or when symptoms persist, seek medical attention. In case of loss of conscience place the victim in the recovery position. Do not give an unconscious person anything to drink.
First-aid measures after inhalation	: Move the affected person away from the contaminated area and into the fresh air. If experiencing respiratory symptoms: Call a physician immediately, Artificial respiration if indicated.
First-aid measures after skin contact	: Wash immediately with plenty of soap and water.
First-aid measures after eye contact	: Remove contact lenses, if present and easy to do. Continue rinsing. Immediately rinse with water for a prolonged period while holding the eyelids wide open. In case of eye contact, immediately rinse with clean water for 10-15 minutes.
First-aid measures after ingestion	: If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting without medical advice.

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

Symptoms/effects : No additional information available.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional data.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Water spray. BC-powder. carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

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### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : When used and / or insufficient ventilation, there is a risk of explosive / highly flammable vapor-air mixture. The vapours are denser than air and may travel along the ground. Distance ignition possible. Gas/vapour heavier than air. May accumulate in confined spaces, particularly at or below ground level. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous.
- Hazardous decomposition products in case of fire : Carbon dioxide (CO<sub>2</sub>). carbon monoxide.

### 5.3. Advice for firefighters

- Firefighting instructions : Co-ordinate fire-fighting measures to the fire surroundings. Prevent fire fighting water from entering the environment. Do not allow to enter drains or water courses. Fight fire with normal precautions from a reasonable distance.
- Other information : In case of fire and/or explosion do not breathe fumes. Dyke fire control water for later disposal.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Evacuate personnel to a safe area.
- 6.1.1. For non-emergency personnel**
- No additional information available
- 6.1.2. For emergency responders**
- Protective equipment : Wear breathing apparatus if exposed to vapours/dusts/aerosols.

### 6.2. Environmental precautions

Prevent liquid from entering sewers, watercourses, underground or low areas. Provision to contain effluent from fire extinguishing. Dyke fire control water for later disposal.

### 6.3. Methods and material for containment and cleaning up

- For containment : Covering drains.
- Methods for cleaning up : Wipe off as much as possible (using a clean, soft, absorbent material). (e.g. a cloth, fleece). Take up liquid spill into absorbent material, e.g.: sand, saw dust. Diatomaceous earth. universal binder. Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting. Use suitable disposal containers. Keep in suitable, closed containers for disposal.
- Other information : Ventilate area.

### 6.4. Reference to other sections

Hazardous combustion products, See Heading 5. Concerning personal protective equipment to use, see section 8. Refer to chapter 10. Incompatible materials. For disposal of residues refer to section 13 : Disposal considerations" ".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Provide local exhaust or general room ventilation. Remove all sources of ignition. Keep away from sources of ignition - No smoking. Take action to prevent static discharges. Use only in well-ventilated areas. Do not allow surface water to enter drains and sewers as this will create a potential explosive hazard. Ground/bond container and receiving equipment. Use only non-sparking tools. Special attention should be given to low areas/pits where flammable vapours can accumulate. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Vapours are heavier than air and spread above ground. May form an explosive mixture in the presence of air.
- Hygiene measures : Always wash hands after handling the product. Do not eat, drink or smoke when using this product. Remove contaminated clothing and protective equipment before entering eating areas. Do not store food and drinks together with chemicals. Do not use containers for storing chemicals intended for food. Keep away from food, drink and animal feeding stuffs.

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### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Take action to prevent static discharges. Ground the container and the filling system.
Storage conditions	: Product is volatile so as to generate a potentially explosive atmosphere. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Protect from sunlight.
Heat and ignition sources	: Keep away from sources of ignition - No smoking. Keep away from heat. Keep away from open flames, hot surfaces and sources of ignition. Avoid sparks.
Information on mixed storage	: Take measures to prevent possible slips. Protect from frost.
Storage area	: Store in a well-ventilated place. Local and general ventilation. Proper grounding procedures to avoid static electricity should be followed.
Special rules on packaging	: Only approved packaging may be used (e.g. according to ADR).

### 7.3. Specific end use(s)

See Heading 16.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

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##### EU - Occupational Exposure Limits

IOELV TWA (mg/m <sup>3</sup> )	380 mg/m <sup>3</sup>
IOELV TWA (ppm)	200 ppm
IOELV STEL (mg/m <sup>3</sup> )	1520 mg/m <sup>3</sup>
IOELV STEL (ppm)	800 ppm

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##### DNEL/DMEL (Workers)

Acute - local effects, inhalation	1900 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	343 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	950 mg/m <sup>3</sup>

##### PNEC (Water)

PNEC aqua (intermittent, freshwater)	2.75 mg/l
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##### PNEC (STP)

PNEC sewage treatment plant	580 mg/l
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### 8.2. Exposure controls

#### Appropriate engineering controls:

General ventilation. In case of risk of exposure or if the risks cannot be avoided or can be sufficiently limited by technical measures, use the necessary personal protective equipment.

#### Hand protection:

Wear suitable gloves. Check leak tightness / impermeability prior to use. Time of penetration is to be checked with the glove producer

#### Eye protection:

eye protection. face protection

#### Skin and body protection:

Enter recovery phases for skin regeneration. Barrier cream. (recommended). Wash thoroughly after handling

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### Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

### Environmental exposure controls:

Use appropriate container to avoid environmental contamination. Do not allow to enter into surface water or drains.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Gas
Colour	: Several.
Odour	: characteristic.
Odour threshold	: No data available
pH	: Not determined
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: Not determined
Relative evaporation rate (water=1)	: Not determined
Relative evaporation rate (ethanol=1)	: Not determined
Melting point	: -114 °C at 1atm
Freezing point	: -114 °C at 1atm
Boiling point	: 351.4 K at 1,013 hPa
Flash point	: 12 °C
Auto-ignition temperature	: > 363 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not relevant(Liquid)
Vapour pressure	: No data available
Vapour pressure at 50 °C	: 57.26 hPa at 19,6 °C
Relative vapour density at 20 °C	: No data available
Relative density	: No information available
Density	: Not established
Solubility	: Not established.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Partition coefficient n-octanol/water (Log Kow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: None.
Oxidising properties	: None.
Lower explosive limit (LEL)	: 2.5 vol %
Upper explosive limit (UEL)	: 13.5 vol %

### 9.2. Other information

VOC content	: 99.12 %
Solids content	: 0 %

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Conditions to avoid, See Heading 10.4. Incompatible materials, For further information refer to section 10.5. This mixture contains (a) reactive substance (s): danger of ignition. Ignition hazard when heated.

### 10.2. Chemical stability

Conditions to avoid, See Heading 10.4.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known.

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### 10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Provide instructions on how to prevent fire and explosion. Use explosion-proof equipment/ventilating/lighting. Use non-sparking tools. Take action to prevent static discharges. Forms of physical stress that can lead to a hazardous situation and should therefore be avoided: Strong shocks.

### 10.5. Incompatible materials

Oxidizing agent.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Hazardous combustion products, See Heading 5.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Shall not be classified as acutely toxic.
Acute toxicity (dermal)	: Shall not be classified as acutely toxic.
Acute toxicity (inhalation)	: Shall not be classified as acutely toxic.
Skin corrosion/irritation	: Based on available data, the classification criteria are not met pH: Not determined
Serious eye damage/irritation	: Based on available data, the classification criteria are not met pH: Not determined
Respiratory or skin sensitisation	: Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Based on available data, the classification criteria are not met
Carcinogenicity	: Based on available data, the classification criteria are not met
Reproductive toxicity	: Based on available data, the classification criteria are not met
STOT-single exposure	: Based on available data, the classification criteria are not met
STOT-repeated exposure	: Based on available data, the classification criteria are not met
Aspiration hazard	: Based on available data, the classification criteria are not met
Other information	: No test data is available.

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

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LC50 fish 1	14.2 g/l 96 h
EC50 other aquatic organisms 1	12.9 g/l Fish 96h
ErC50 (algae)	675 mg/l 4 dChronic

### ethanol; ethyl alcohol (64-17-5)

LC50 fish 1	14.2 g/l 96 h
EC50 other aquatic organisms 1	12.9 g/l Fish 96h
ErC50 (algae)	675 mg/l 4d Chronic

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NOEC chronic fish	> 0.08 mg/l
NOEC chronic algae	22.6 g/l 10 d

### 12.2. Persistence and degradability

<b>ethanol; ethyl alcohol (64-17-5)</b>	
Biodegradation	74 % 5 d.

### 12.3. Bioaccumulative potential

<b>SURFACE &amp; ALCOHOL SPRAY (500 ML) (64-17-5)</b>	
Partition coefficient n-octanol/water (Log Kow)	No data available
Bioaccumulative potential	No additional information available.

<b>ethanol; ethyl alcohol (64-17-5)</b>	
Partition coefficient n-octanol/water (Log Kow)	-0.35 pH value : 7,4 24°C

### 12.4. Mobility in soil

<b>SURFACE &amp; ALCOHOL SPRAY (500 ML) (64-17-5)</b>	
Mobility in soil	No data available

### 12.5. Results of PBT and vPvB assessment

<b>SURFACE &amp; ALCOHOL SPRAY (500 ML) (64-17-5)</b>	
Results of PBT assessment	Results of PBT and vPvB assessment: No data available

### 12.6. Other adverse effects

Other adverse effects : No additional information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods	: Solvent reclamation/regeneration.
Sewage disposal recommendations	: Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.
Product/Packaging disposal recommendations	: Waste Regulation. Only approved packaging may be used (e.g. according to ADR). Only pass on empty containers/packaging for recycling. If the packaging is not empty, dispose of it as the substance.
Additional information	: Waste must be separated in such a way that it can be treated separately by municipal or national waste treatment facilities.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
UN 1170	UN 1170	UN 1170	UN 1170	UN 1170
<b>14.2. UN proper shipping name</b>				
ETHANOL (ETHYL ALCOHOL)	ETHANOL (ETHYL ALCOHOL)	Ethanol	ETHANOL (ETHYL ALCOHOL)	ETHANOL (ETHYL ALCOHOL)

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### Transport document description

UN 1170 ETHANOL (ETHYL ALCOHOL), 3, II, (D/E)	UN 1170 ETHANOL (ETHYL ALCOHOL), 3, II	UN 1170 Ethanol, 3, II	UN 1170 ETHANOL (ETHYL ALCOHOL), 3, II	UN 1170 ETHANOL (ETHYL ALCOHOL), 3, II
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### 14.3. Transport hazard class(es)

3	3	3	3	3
				

### 14.4. Packing group

II	II	II	II	II
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### 14.5. Environmental hazards

Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
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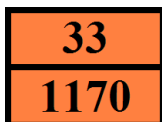
No supplementary information available

### 14.6. Special precautions for user

Special transport precautions : The provisions for dangerous goods (ADR) must be maintained in the company.

#### Overland transport

Classification code (ADR) : F1  
Special provisions (ADR) : 144, 601  
Limited quantities (ADR) : 1I  
Excepted quantities (ADR) : E2  
Transport category (ADR) : 2  
Hazard identification number (Kemler No.) : 33  
Orange plates :



Tunnel restriction code (ADR) : D/E

#### Transport by sea

Special provisions (IMDG) : 144  
Limited quantities (IMDG) : 1 L  
Excepted quantities (IMDG) : E2  
EmS-No. (Fire) : F-E  
EmS-No. (Spillage) : S-D  
Stowage category (IMDG) : A

#### Air transport

PCA Excepted quantities (IATA) : E2  
PCA limited quantity max net quantity (IATA) : 1L  
Special provisions (IATA) : A3, A58, A180

#### Inland waterway transport

Classification code (ADN) : F1  
Special provisions (ADN) : 144, 601  
Limited quantities (ADN) : 1 L  
Excepted quantities (ADN) : E2  
Number of blue cones/lights (ADN) : 1

#### Rail transport

Classification code (RID) : F1  
Special provisions (RID) : 144, 601  
Limited quantities (RID) : 1L  
Excepted quantities (RID) : E2  
Transport category (RID) : 2

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Hazard identification number (RID) : 33

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

IBC code : The cargo is not intended to be transported in bulk.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content : 99.12 %

Other information, restriction and prohibition regulations : WGK (Water-endangerment class) : 1 low hazard for aquatic organisms. Storage class (LGK): 3 (Flammable liquids).

#### 15.1.2. National regulations

##### Netherlands

SZW-lijst van kankerverwekkende stoffen : ethanol; ethyl alcohol is listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting : ethanol; ethyl alcohol is listed

giftige stoffen – Borstvoeding

NIET-limitatieve lijst van voor de voortplanting : ethanol; ethyl alcohol is listed

giftige stoffen – Vruchtbaarheid

NIET-limitatieve lijst van voor de voortplanting : ethanol; ethyl alcohol is listed

giftige stoffen – Ontwikkeling

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Full text of H- and EUH-statements:

Flam. Liq. 2	Flammable liquids, Category 2
H225	Highly flammable liquid and vapour.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.