(in accordance with Regulation (EU) 2020/878)

78072763666-PS 500 750 ml



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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING.

1.1 Product identifier.

Product Name: PS 500 750 ml Product Code: 78072763666

UFI: SS61-S98W-200D-6PT0

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

Rinse aid and protective

Uses advised against:

Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet.

Company: SAINT-GOBAIN SURFACE SOLUTIONS

Address: 251 RUE DE L'AMBASSADEUR

City: 78700 - CONFLANS

Province: FRANCE

Telephone: +33 1 34 90 41 40

E-mail: onebond.support@saint-gobain.com

Web: onebondadhesives.com

1.4 Emergency telephone number: +33 1 34 90 41 40 (Available 24 hours)

SECTION 2: HAZARDS IDENTIFICATION.

2.1 Classification of the substance or mixture.

The product is not classified as hazardous within the meaning of Regulation (EU) No 1272/2008.

2.2 Label elements.

Keep out of the reach of children.

Do not ingest. EUH statements:

EUH210 Safety data sheet available on request.

2.3 Other hazards.

The mixture does not contain substances classified as PBT.

The mixture does not contain substances classified as vPvB.

The mixture does not contain any endocrine disrupting properties substances.

The product may have the following additional risks:

No ingerir

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.

3.1 Substances.

Not Applicable.

3.2 Mixtures.

Substances posing a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List:

Identifiers	Name	Concentrate	(*)Classification - Regulation (EC) No 1272/2008
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			Classification	Specifics concentration limits and Acute toxicity estimate
Index No: 603-117- 00-0 CAS No: 67-63-0 EC No: 200-661-7 Registration No: 01- 2119457558-25-XXXX	[2] propan-2-ol, isopropyl alcohol, isopropanol	1 - 10 %	Eye Irrit. 2, H319 - Flam. Liq. 2, H225 - STOT SE 3, H336	-

^(*) The complete text of the H phrases is given in section 16 of this Safety Data Sheet.

SECTION 4: FIRST AID MEASURES.

4.1 Description of first aid measures.

Due to the composition and type of the substances present in the product, no particular warnings are necessary.

Inhalation.

If breathing stops, give artificial respiration and seek immediate medical attention. Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration.

Eye contact.

Remove contact lenses, if present and if it is easy to do. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance.

Skin contact.

Remove contaminated clothing.

Ingestion.

Keep calm. NEVER induce vomiting.

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

No known acute or delayed effects from exposure to the product.

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

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

SECTION 5: FIREFIGHTING MEASURES.

5.1 Extinguishing media.

Suitable extinguishing media:

Extinguisher powder or CO2. In case of more serious fires, also alcohol-resistant foam and water spray.

Unsuitable extinguishing media:

Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

5.2 Special hazards arising from the substance or mixture.

Special risks.

Exposure to combustion or decomposition products can be harmful to your health.

5.3 Advice for firefighters.

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account.

Fire protection equipment.

^[2] Substance with a national workplace exposure limit (see section 8.1).

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According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots.

SECTION 6: ACCIDENTAL RELEASE MEASURES.

6.1 Personal precautions, protective equipment and emergency procedures.

For exposure control and individual protection measures, see section 8.

6.2 Environmental precautions.

Product not classified as hazardous for the environment, avoid spillage as much as possible.

6.3 Methods and material for containment and cleaning up.

Contain and collect spillage with inert absorbent material (earth, sand, vermiculite, Kieselguhr...) and clean the area immediately with a suitable decontaminant.

Deposit waste in closed and suitable containers for disposal, in compliance with local and national regulations (see section 13).

6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8.

For later elimination of waste, follow the recommendations under section 13.

SECTION 7: HANDLING AND STORAGE.

7.1 Precautions for safe handling.

The product does not require special handling measures, the following general measures are recommended:

For personal protection, see section 8.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Never use pressure to empty the containers. They are not pressure-resistant containers. Keep the product in containers made of a material identical to the original.

7.2 Conditions for safe storage, including any incompatibilities.

The product does not require special storage measures. As general storage measures, sources of heat, radiation, electricity and contact with food should be avoided.

Keep away from oxidising agents and from highly acidic or alkaline materials.

Store the containers between 5 and 35 ° C, in a dry and well-ventilated place.

Store according to local legislation. Observe indications on the label. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

The product is not affected by Directive 2012/18/EU (SEVESO III).

7.3 Specific end use(s).

Not available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

8.1 Control parameters.

Work exposure limit for:

Name	CAS No.	Country	Limit value	ppm	mg/m³
propan-2-ol, isopropyl alcohol, isopropanol	67-63-0	United	Eight hours	400	999
		Kingdom [1]	Short term	500	1250
		Éire [2]	Eight hours	200	
			Short term	400	
		United States	Eight hours	400	

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[3] (Cal/OSHA)	Short term	500	
United States	Eight hours	400	
[4] (NIOSH)	Short term	500	
United States	Eight hours	400	980
[5] (OSHA)	Short term		

^[1] According Limit Value (IOELV) list in 2nd Indicative Occupational Exposure adobted by Health and Safety Executive.

Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Туре	Value
	DNEL	Inhalation, Chronic, Systemic effects	500
	(Workers)		(mg/m³)
	DNEL	Inhalation, Chronic, Systemic effects	89
	(Consumers)		(mg/m³)
propan-2-ol, isopropyl alcohol, isopropanol	DNEL	Dermal, Chronic, Systemic effects	888
CAS No: 67-63-0	(Workers)		(mg/kg
EC No: 200-661-7			bw/day)
EC NO: 200-661-7	DNEL	Dermal, Chronic, Systemic effects	319
	(Consumers)		(mg/kg
			bw/day)
	DNEL	Oral, Chronic, Systemic effects	26 (mg/kg
	(Consumers)		bw/day)

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated. DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable

Concentration levels PNEC:

Name	Details	Value
	aqua (freshwater)	140,9 (mg/L)
	aqua (marine water)	140,9 (mg/L)
	aqua (intermittent releases)	140,9 (mg/L)
	sediment (freshwater)	552 (mg/kg
nyanan 2 al jaanyanyi alaahal jaanyananal		sediment dw)
propan-2-ol, isopropyl alcohol, isopropanol CAS No: 67-63-0	sediment (marine water)	552 (mg/kg
EC No: 200-661-7		sediment dw)
EC NO: 200-001-7	Soil	28 (mg/kg
		soil dw)
	STP	2251 (mg/L)
	oral (Hazard for predators)	160 (mg/kg
		food)

PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.

8.2 Exposure controls.

Measures of a technical nature:

Concentration:	100 %
Uses:	Rinse aid and protective
Breathing protecti	on:
If the recommended	technical measures are observed, no individual protection equipment is necessary.

^[2] According Code of Practice for the Safety, Health and Welfare at Work (Chemicals Agents) Regulations adopted by Health and Safety Authority (HSA).

^[3] California Division of Occupational Safety and Health (Cal/OSHA) Permissible Exposure Limits (PELs).

^[4] National Institute for Occupational Safety and Health. NIOSH Recommendations for occupational safety and health,

Compendium of Policy Documents and Statements, January, 1992, DHHS (NIOSH) Publication No. 92-100. [5] Occupational Safety and Health Administration, United States Department of Labor. Permissible Exposure limits (PELs), California Division of Occupational Safety and Health (Cal/OSHA) Permissible Exposure Limits (PELs).

The product does NOT contain substances with Biological Limit Values.

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Hand protection:

If the product is handled correctly, no individual protection equipment is necessary.

Eye protection:

If the product is handled correctly, no individual protection equipment is necessary.

Skin protection:

PPE: Work footwear.

Characteristics: «CE» marking, category II. CEN standards: EN ISO 13287, EN 20347

Maintenance: This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should

not be used by other people.

Observations: Work footwear for professional use includes protection elements aimed at protecting users against any

injury resulting from an accident

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties.

Physical state: Liquid Colour: White pearl Odour: Citric

Odour threshold: Not applicable/Not available due to the nature/properties of the product Melting point: Not applicable/Not available due to the nature/properties of the product Freezing point: Not applicable/Not available due to the nature/properties of the product Boiling point or initial boiling point and boiling range: >80 °C

Flammability: Non-flammable

Lower explosion limit: Not applicable/Not available due to the nature/properties of the product Upper explosion limit: Not applicable/Not available due to the nature/properties of the product

Flash point: >70 °C

Auto-ignition temperature: Not applicable/Not available due to the nature/properties of the product Decomposition temperature: Not applicable/Not available due to the nature/properties of the product pH: 6.5 (100%)

Kinematic viscosity: Not applicable/Not available due to the nature/properties of the product

Solubility: Emulsifiable

Hydrosolubility: Not applicable/Not available due to the nature/properties of the product Liposolubility: Not applicable/Not available due to the nature/properties of the product

Partition coefficient n-octanol/water (log value): Not applicable/Not available due to the nature/properties of the product

Vapour pressure: Not applicable/Not available due to the nature/properties of the product Absolute density: Not applicable/Not available due to the nature/properties of the product

Relative density: 0.99

Relative vapour density: Not applicable/Not available due to the nature/properties of the product Particle characteristics: Not applicable/Not available due to the nature/properties of the product

9.2 Other information

Viscosity: Not applicable/Not available due to the nature/properties of the product

Explosive properties: Not applicable/Not available due to the nature/properties of the product Oxidizing properties: Not applicable/Not available due to the nature/properties of the product Dropping point: Not applicable/Not available due to the nature/properties of the product Blink: Not applicable/Not available due to the nature/properties of the product

SECTION 10: STABILITY AND REACTIVITY.

10.1 Reactivity.

The product does not present hazards by their reactivity.

10.2 Chemical stability.

Stable under the recommended handling and storage conditions (see section 7).

10.3 Possibility of hazardous reactions.

The product does not present possibility of hazardous reactions.

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10.4 Conditions to avoid.

Avoid any improper handling.

10.5 Incompatible materials.

Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions.

10.6 Hazardous decomposition products.

No decomposition if used for the intended uses.

SECTION 11: TOXICOLOGICAL INFORMATION.

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008.

Toxicological information about the substances present in the composition.

Nama	Acute toxicity				
Name	Туре	Test	Kind	Value	
	Oral	Vol. 43(1), [2] FURTH IN THE IN	Pg. 8, 1978 ER EXPERIENCI DUSTRIAL TOX	5050 mg/kg bw [1] 5840 mg/kg bw [2] or English translation, see HYSAAV. E WITH THE RANGE FINDING TEST ICOLOGY LABORATORY, J Ind Hyg	
propan-2-ol, isopropyl alcohol, isopropanol	Dermal	1974. Vol. [2] FURTH	Rabbit Rat Rabbit aterial Data Har 1, Pg. 100, 197 ER EXPERINCE DUSTRIAL TOXI	12800 mg/kg bw [1] 1088 mg/Kg 16.4 mL/kg bw [2] Indbook, Vol.1: Organic Solvents, WITH THE RANGE FINDING TEST	
	Inhalation	CL50 CL50 LC50 LC50	Rat Rat Rat Rat Guideline 403 (<i>J</i>	72600 mg/m3 (4H) >10000 ppm (6h) >10000 ppm (6 h) [1] >20 mg/L (8h) [2] Acute Inhalation Toxicity), study	
CAS No: 67-63-0 EC No: 200-661-7		report, 199	,	3	

a) acute toxicity;

Not conclusive data for classification.

b) skin corrosion/irritation;

Not conclusive data for classification.

c) serious eye damage/irritation;

Based on available data, the classification criteria are not met.

d) respiratory or skin sensitisation;

Not conclusive data for classification.

e) germ cell mutagenicity;

Not conclusive data for classification.

f) carcinogenicity;

Not conclusive data for classification.

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g) reproductive toxicity;

Not conclusive data for classification.

h) STOT-single exposure;

Based on available data, the classification criteria are not met.

i) STOT-repeated exposure;

Not conclusive data for classification.

j) aspiration hazard;

Not conclusive data for classification.

11.2 Information on other hazards.

Endocrine disrupting properties

This product does not contain components with endocrine-disrupting properties with effects on human health.

Other information

There is no information available on other adverse health effects.

SECTION 12: ECOLOGICAL INFORMATION.

12.1 Toxicity.

		Ecotoxicity			
Name	Туре	Test	Kind	Value	
propan-2-ol, isopropyl alcohol, isopropanol	Fish	1984. Acut Minnows (I Superior Er Superior, V [2] The 96 Environme Toxicity Te [3] Not GLI (concentral controls, al generally a [4] Not GLI (concentral controls, al generally a [5] Not GLI (concentral controls, al generally a generally a	e Toxicities of Organ Pimephales promelas navironmental Stud., UVI:414 hour LC50 method is natal Protection Agencists with Aquatic Organ P. According to guide tions, light period, pland replicates) are not completed scientific pri P. According to guide tions, light period, pland replicates) are not completed scientific pri P. According to guide tions, light period, pland replicates) are not completed scientific pri P. According to guide tions, light period, pland replicates) are not completed scientific princepted scientif	eline. Although some details If and O2 measurement, It reported, the study meets Inciples. Inciples. Inciples and O2 measurement, It reported, the study meets It reported, the study meets Inciples. Inciples and O2 measurement, It reported, the study meets It reported.	
	Aquatic invertebrates	LC50 LC50 EC50 LC50	Crustacean Daphnia magna Daphnia magna Crangon crangon	1400 mg/l (48 h) [1] >10000 mg/l (24 h) [2] 9714 mg/L (24 h) [3] 1150 ppm (96 h) [4]	

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			[1] Blackman, R.A.A. 1974. Toxicity of Oil-Sinking Agents. Mar.Pollut.Bull. 5:116-118 [2] Not GLP, no guideline followed, although it is similar to the most recent OECD 202 with some deviations, which did not affect results. It contains all the information necessary for the evaluation. [3] Not GLP, no guideline followed, although it is similar to the most recent OECD 202 with some deviations, which did not affect results. It contains all the information necessary for the evaluation. [4] Toxicity of oil-sinking agents, Marine Pollution Bulletin 5:88, 116-118, 1974 CE50 Toxicity Algae threshold Scenedesmus >1000 mg/L (72H) [1] Toxicity quadricauda 1800 mg/L (7 d) [2] threshold Microcystis 1000 mg/l (8 d) [3] concentra aeruginosa tion
CAS No: 67-63-0	EC No: 200-661-7	Aquatic plants	[1] OECD 201 [2] Comparison of the Toxicity Thresholds of Water Pollutants to Bacteria, Algae, and Protozoa in the Cell Multiplication Inhibition Test, Water Research Vol. 14. pp. 231 to 241 [3] Not GLP, not guideline compliant. Growth inhibition expressed as a function of relative turbidity determined at the end of the study (8 d) and TS concentration. Oxygen concentration not measured. Procedure in accordance with generally accepted standards.

12.2 Persistence and degradability.

No information is available regarding the biodegradability of the substances present.

No information is available on the degradability of the substances present.

No information is available about persistence and degradability of the product.

The components of the product comply with the biodegradability criteria of Regulation (EC) No 648/2004 on detergents.

12.3 Bioaccumulative potential.

Information about the bioaccumulation of the substances present.

Name		Bioaccumulation			
		Log Pow	BCF	NOECs	Level
propan-2-ol, isopropyl alcohol, isopropanol		0,05			Vonclous
CAS No: 67-63-0	EC No: 200-661-7	0,05	-	-	Very low

12.4 Mobility in soil.

No information is available about the mobility in soil. The product must not be allowed to go into sewers or waterways. Prevent penetration into the ground.

12.5 Results of PBT and vPvB assessment.

No information is available about the results of PBT and vPvB assessment of the product.

12.6 Endocrine disrupting properties.

This product doesn't contain components with environmental endocrine disrupting properties.

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12.7 Other adverse effects.

No information is available about other adverse effects for the environment.

SECTION 13: DISPOSAL CONSIDERATIONS.

13.1 Waste treatment methods.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.

Follow the provisions of Directive 2008/98/EC regarding waste management.

SECTION 14: TRANSPORT INFORMATION.

Transportation is not dangerous. In case of road accident causing the product's spillage, proceed in accordance with point 6.

14.1 UN number or ID number.

Transportation is not dangerous.

14.2 UN proper shipping name.

Description:

ADR/RID: Not classified as hazardous for transport. IMDG: Not classified as hazardous for transport.

ICAO/IATA: Not classified as hazardous for transport.

14.3 Transport hazard class(es).

Transportation is not dangerous.

14.4 Packing group.

Transportation is not dangerous.

14.5 Environmental hazards.

Transportation is not dangerous.

Transport by ship, FEm – Emergency sheets (F – Fire, S - Spills): Not applicable.

14.6 Special precautions for user.

Transportation is not dangerous.

14.7 Maritime transport in bulk according to IMO instruments.

Transportation is not dangerous.

SECTION 15: REGULATORY INFORMATION.

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

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

Volatile organic compound (VOC) VOC content (p/p): 3,013 %

VOC content: 29,825 g/l

The product complies with Regulation (EC) No 648/2004 on detergents.

Contains in accordance with Regulation (EC) No 648/2004 on detergents:

non-ionic surfactants

< 5%

perfumes

Product classification according to Annex I of Directive 2012/18/EU (SEVESO III): N/A

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The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

Kind of pollutant to water (Germany): WGK 1: Slightly hazardous to water. (Autoclassified according to the AwSV Regulations)

15.2 Chemical safety assessment.

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION.

Complete text of the H phrases that appear in section 3:

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Classification codes:

Eye Irrit. 2 : Eye irritation, Category 2 Flam. Liq. 2 : Flammable liquid, Category 2

STOT SE 3 : Specific target organ toxicity following a single exposure, Category 3 $\,$

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Physical hazards On basis of test data
Health hazards Calculation method
Environmental hazards Calculation method

It is recommended that the product only be employed for the purposes advised.

Abbreviations and acronyms used:

AwSV: Facility Regulations for handling substances that are hazardous for the water.

BCF: Bioconcentration factor.

CEN: European Committee for Standardization.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be

considered a tolerable minimum.

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not

anticipated.

EC50: Half maximal effective concentration.
PPE: Personal protection equipment.
LC50: Lethal concentration, 50%.
LD50: Lethal dose, 50%.
NOEC: No observed effect concentration.

PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are

not expected in the environmental compartment.

WGK: Water hazard classes.

Key literature references and sources for data:

http://eur-lex.europa.eu/homepage.html

http://echa.europa.eu/

Regulation (EU) 2020/878. Regulation (EC) No 1907/2006.

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Regulation (EU) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemical substances and mixtures (REACH).

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.