



SAFETY DATA SHEET
according to Regulation (EU) 2015/830

PHS Ultra Floor Cleaner

Revision: 1
Revision date: 29/04/2020

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

1.1 Product identifier

Product name	PHS Ultra Floor Cleaner
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1.2 Relevant identified uses of the substance or mixture and uses advised against

Product Use	[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC35] Washing and cleaning products (including solvent based products);
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1.3 Details of the supplier of the safety data sheet

Company Address	Personnel Hygiene Services Ltd Block B, Western Industrial Estate, Caerphilly CF83 1XH United Kingdom
Web	www.phsdirect.co.uk
Telephone	02920 809098
Email:	www.phsdirect.co.uk/contact-us

1.4 Emergency telephone number

Emergency telephone number	02920 809098 Ireland: National Poisons Centre, Beaumont Hospital, Dublin 9 Tel: 01 809 2166. (8.00 a.m. to 10.00 p.m. 7 days a week) Tel: 01 809 2566 (health care professionals)
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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

2.1.2 Classification - EC 1272/2008	Eye Irrit. 2: H319;
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2.2 Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Eye Irrit. 2: H319 - Causes serious eye irritation.
Precautionary Statement:	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Prevention	
Precautionary Statement:	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Response	P337+P313 - If eye irritation persists: Get medical advice/attention.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

EC 1272/2008

Chemical name	Index No.	CAS No.	EC No.	REACH registration Number	Conc (%w/w)	Classification
Disodium metasilicate	014-010-00-8	6834-92-0	229-912-9	01-2119449811-37	1-10%	Skin Corr. 1B: H314; STOT SE 3: H335
Alcohols, C12-14, ethoxylated, sulphates, sodium salts		68891-38-3		01-2219488639-16	1-10%	Eye Irrit. 2: H319;

SECTION 4: First aid measures**4.1 Description of first aid measures**

Inhalation	Move the exposed person to fresh air. Seek medical attention.
Eye contact	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation	May cause irritation to respiratory system.
Eye contact	Irritating to eyes.
Skin contact	No irritation expected.
Ingestion	Irritant.

4.3 Indication of any immediate medical attention and special treatment needed

	No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.
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SECTION 5: Firefighting measures**5.1 Extinguishing media**

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.2 Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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5.3 Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
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6.2 Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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6.3 Methods and material for containment and cleaning up

	Do not allow product to enter drains. Prevent further spillage if safe.
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6.4 Reference to other sections

	For personal protective equipment see subsection 8.2. For disposal considerations see section 13.
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SECTION 7: Handling and storage**7.1 Precautions for safe handling**

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best manual handling considerations when handling, carrying and dispensing.
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7.2 Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. For incompatibilities refer to section 10.4.
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7.3 Specific end use(s)

	No specific advice for end use available.
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SECTION 8: Exposure controls/personal protection**8.1 Control parameters****8.1.1 Exposure Limit Values / Occupational Exposure Limits**

	Contains no applicable substances
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DNEL: Derived no-effect level.**Exposure Pattern - Workers**

Disodium metasilicate	Long-term - inhalation - Systemic	6.22 mg/m ³
	Long-term - dermal - Systemic	1.49 mg/kg

Exposure Pattern - General population

Disodium metasilicate	Long-term - inhalation - Systemic	1.55 mg/m ³
	Long-term - dermal - Systemic	0.74 mg/kg
	Long-term - oral - Systemic effects	0.74 mg/kg

8.2 Exposure controls



Adopt best Manual Handling considerations when handling, carrying and dispensing. Take off immediately all contaminated clothing. Wash hands after handling the product.

8.2.1 Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2 Individual protection measures

Use appropriate personal protective equipment.

Eye / face protection

Safety glasses. (EN166)

Skin protection -

Wash hands after handling the product. For prolonged contact protection for the skin may be necessary. (EN374)

Hand protection

Respiratory protection

Not normally required. Do not breathe gas/fumes/vapour/spray.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Colour	Pink
Odour	Characteristic
pH	9.5 - 11.4
Melting point	Not determined
Freezing Point	Not determined
Initial boiling point	Not determined
Flash point	Not determined
Evaporation rate	Not determined
Flammability (solid, gas)	Not applicable to liquids
Fat Solubility	Not determined
Partition coefficient	Not determined
Autoignition temperature	Not determined
Viscosity	Not determined
Explosive properties	Not explosive
Oxidising properties	Not oxidising
Solubility	Soluble in water
Vapour pressure	Not determined

9.2 Other information

Conductivity	Not determined
Surface tension	Not determined
Specific gravity	1.03 g/cm ³

SECTION 10: Stability and reactivity

10.1 Reactivity

	No reactivity hazards known under normal storage and use conditions.
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10.2 Chemical stability

	Stable under normal conditions.
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10.3 Possibility of hazardous reactions

	No other adverse effects known.
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10.4 Conditions to avoid

	Avoid contact with: Acids.
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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Skin corrosion/irritation	Irritating to eyes.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	No observed effect level.

11.1.4 Toxicological Information

Disodium metasilicate	Inhalation Rat LC50/15min: NDA	Dermal Rat LD50 NDA
	Oral Rat LD50: 847 mg/kg	Oral Mouse LD50: NDA
	Dermal Rabbit LD50: NDA	Dermal Guinea Pig LD50 NDA
Alcohols, C12-14, ethoxylated, sulphates, sodium salts	Inhalation Rat LC50/15min: NDA	Dermal Rat LD50 >2000 mg/kg
	Oral Rat LD50: 4100 mg/kg	Oral Mouse LD50: NDA
	Dermal Rabbit LD50: NDA	Dermal Guinea Pig LD50 NDA

SECTION 12: Ecological information

12.1 Toxicity

	Algae EC50/72h: NDA	Daphnia LC50/48h: NDA
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Disodium metasilicate	Guppy LC50/96h: NDA	
Alcohols, C12-14, ethoxylated, sulphates, sodium salts	Daphnia EC50/48h: 7.2 mg/l Green algae EC50/96h 7.5mg/l	Fish LC50/96h: 7.1 mg/l
12.2 Persistence and degradability		
	No data is available on this product.	
12.3 Bioaccumulative potential		
	No data is available on this product.	
Partition coefficient		
	No data is available on this product.	
12.4 Mobility in soil		
	No data is available on this product.	
12.5 Results of PBT and vPvB assessment		
	Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.	
12.6 Other adverse effects		
	No other adverse effects known.	
SECTION 13: Disposal considerations		
General information		
	Dispose of in compliance with all local and national regulations.	
Disposal of packaging		
	Dispose of in compliance with all local and national regulations. Empty containers can be cleaned with water.	
Further information		
	European Waste Catalogue: 20 01 29.	
SECTION 14: Transport information		
14.1 UN number		
	The product is not classified as dangerous for carriage.	
14.2 UN proper shipping name		
	The product is not classified as dangerous for carriage.	
14.3 Transport hazard class(es)		
ADR/RID	The product is not classified as dangerous for carriage.	
14.4 Packing group		
Packing group	The product is not classified as dangerous for carriage.	
14.5 Environmental hazards		
Environmental hazards	The product is not classified as dangerous for carriage.	
SECTION 15: Regulatory information		
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture		
	<p>EU regulations:</p> <ul style="list-style-type: none"> • Regulation(EC)No.1907/2006 - REACH • Regulation(EC)No1272/2008 - CLP • Regulation(EC)No.648/2004 - Detergents regulation <p>Ingredients according to EC Detergents Regulation 648/2004</p> <p>anionic surfactants 0% - < 5%</p> <p>non-ionic surfactants 0% - < 5%</p> <p>phosphonates 0% - < 5%</p>	
15.2 Chemical safety assessment		
	A chemical safety assessment has not been carried out on the mixture.	
SECTION 16: Other information		
Other information		
Revision	This document differs from the previous version in the following areas:.	
Acronyms	<p>Changes to sections 1, 3, 8, 9, 11, 12, 15</p> <p>LC: Lethal concentration.</p> <p>LD: Lethal dose.</p> <p>NDA - No data available.</p> <p>NOAEC: No observed adverse effect concentration.</p> <p>NOAEL: No observed adverse effect level.</p> <p>NOEC: No observed effect concentration.</p> <p>NOEL: No observed effect level.</p> <p>PBT: Persistent, bioaccumulative and toxic.</p> <p>SVHC: Substance of very high concern.</p>	

Text of Hazard Statements in Section 3	vPvB. Very persistent and very bioaccumulative. *R01 - Polymer REACH number not available. Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. STOT SE 3: H335 - May cause respiratory irritation. Eye Irrit. 2: H319 - Causes serious eye irritation.
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Further information

	<p>The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.</p> <p>Internal ref: F000034</p>
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