Foaming **bathroom cleaner**

Revision: 1
Revision date: 05/05/2020

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

1.1 Product identifier

Product name	Foaming bathroom cleaner

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);

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	productinfo@phs.co.uk / productinfo@phswashrooms.ie

1.4 Emergency telephone number

Emergency telephone number	028 9267 331. In the event of a medical enquiry involving this product, please contact your GP or local A&E dept. 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)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

2.1.2 Classification - EC 1272/2008	Not classified as hazardous

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
Di Methoxy Propanol((2-methoxymethylethoxy)propanol)		34590-94-8	252-104-2	01-2119450011-60	1-10%	
Amides, C8-18 (even numbered)and C18- unsatd., N, Nbis(hydroxyethyl)		8051-30-7	931-329-6	01-2119490100-53	1-10%	Skin Irrit. 2: H315; Eye Dam. 1: H318;Aquatic Chronic 2: H411;

phs Group

SECTION 3: Composition/information on ingredients (continued)				
Alcohols, C12-14 (Even numbered), ethoxylated (*R01)	68002-97-1		1-10%	Acute Tox. 4: H302; Eye Dam. 1: H318;Aquatic Chronic 3: H412;
Alkyl (C12-16) dimethylbenzylammonium chloride (*R01)	68424-85-1	270-325-2	0-0.5%	Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation	Remove casualty from exposure ensuring one's own safety whilst doing so.
Eye contact	Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
Skin contact	Wash with water. Seek medical attention if irritation or symptoms persist.
Ingestion	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation	May cause irritation to respiratory system.
Eye contact	No irritation expected.
Skin contact	No irritation expected.
Ingestion	Unlikely to be harmful unless excessive amount ingested.

4.3 Indication of any immediate medical attention and special treatment needed

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.

SECTION 5: Firefighting measures

5.1 Extinguishing media	Carbon dioxide (CO_2). Water jet. For large fires: Alcohol resistant foam. Water jet.
5.2 Special hazards arising from the substance or mixture	No special hazards known.
5.3 Advice for firefighters	Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures	Not normally required.
6.2 Environmental precautions	Do not allow product to enter drains. Dilute with water.
6.3 Methods and material for containment and cleaning up	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
6.4 Reference to other sections	For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

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.
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.
7.3 Specific end use(s)	No specific advice for end use available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1 Exposure Limit Values - UK

Di Methoxy Propanol((2-methoxymethylethoxy)propanol)	WEL 8-hr limit mg/m3: WEL 8-hr limit ppm:	308 50

DNEL: Derived no-effect level.

Exposure Pattern - Workers

Amides, C8-18 (even numbered)and C18- unsatd., N, Nbis(hydroxyethyl)	Long-term - systemic effects, dermal Long-term - local effects, dermal Long-term - systemic effects, inhalation	4,16 mg/kg bodyweight/day 0,09 mg/cm² 73,4 mg/m³
Alkyl (C12-16) dimethylbenzylammonium chloride (*R01)	Long term exposure - systemic effects, Dermal : Long term exposure - systemic effects, Inhalation :	5,7 mg/Kg/day 3,96 mg/m3

Exposure Pattern - General population

Amides, C8-18 (even numbered)and C18- unsatd., N, Nbis(hydroxyethyl)	Long-term - systemic effects,oral Long-term - systemic effects, inhalation Long-term - systemic effects, dermal Long-term - local effects, dermal	6,25 mg/kg bodyweight/day 21,73 mg/m³ 2,5 mg/kg bodyweight/day 0,056 mg/cm²
Alkyl (C12-16) dimethylbenzylammonium chloride (*R01)	Long term exposure - systemic effects, Oral Long term exposure - systemic effects, Dermal Long term exposure - systemic effects, Inhalation :	3,4 mg/Kg/day 3,4 mg/Kg/day 1,64 mg/m3

8.2 Exposure controls



Adopt best Manual Handling considerations when handling, carrying and dispensing. 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	Adopt best Manual Handling considerations when handling, carrying and dispensing.
Eye / face protection	Not normally required. In case of splashing, wear: Safety glasses. (EN166)
Skin protection -Hand protection	Wash hands after handling the product. For prolonged contact protection for the skin may benecessary. (EN374)
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	Green
Odour	Characteristic
pH	<3.5
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	<100 cp @20°C
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	1.00 g/cm³

SECTION 10: Stability and reactivity

10.1 Reactivity	No reactivity hazards known under normal storage and use conditions.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	No other adverse effects known.
10.4 Conditions to avoid	None.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

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

11.1.4 Toxicological Information

Di Methoxy Propanol((2-methoxymethylethoxy)propanol)	Oral Rat LD50:	>4000 mg/kg (oral rat)
	Dermal Rabbit LD50:	9510 mg/kg
	Inhalation Rat LC50/15min:	3.35 mg/l
Amides, C8-18 (even numbered)and C18- unsatd., N, Nbis(hydroxyethyl)	LD50 oral rat	> 2000 mg/kg
	LD50 dermal rabbit	> 2000 mg/kg

SECTION 11: Toxicological information (continued)				
Alcohols, C12-14 (Even numbered), ethoxylated (*R01)	Inhalation Rat LC50/15min: Oral Rat LD50: Dermal Rabbit LD50:	NDA 100 mg/kg 2,000 mg/kg	Dermal Rat LD50 Oral Mouse LD50: Dermal Guinea Pig LD50	NDA NDA NDA
Alkyl (C12-16) dimethylbenzylammonium chloride (*R01)	Inhalation Rat LC50/15min: Oral Rat LD50: Dermal Rabbit LD50:	NDA 240 - 400mg/kg NDA	Dermal Rat LD50 Oral Mouse LD50 Dermal Guinea Pig LD50:	800-1420 mg/kg NDA NDA
SECTION 12: Ecological information				
12.1 Toxicity				
Di Methoxy Propanol((2-methoxymethylethoxy)propanol)	Fish LC50/96h: Daphnia EC50/48h: Algae LC50/72h:	10,000 mg/l 1,919 mg/l 1,000 mg/l		
Amides, C8-18 (even numbered)and C18- unsatd., N, Nbis(hydroxyethyl)	LC50 fish 1 EC50 Daphnia 1 ErC50 (algae)	2,4 mg/l 3,2 mg/l 3,9 mg/l	NOEC (chronic)	0,07 mg/l
Alcohols, C12-14 (Even numbered), ethoxylated (*R01)	Daphnia EC50/48h: Fish LC50/96h: Algae IC50/72h:	NDA NDA NDA		
Alkyl (C12-16) dimethylbenzylammonium chloride (*R01)	Daphnia EC50/48h: Green algae EC50/96h: Fish LC50/96h:	0.0200 mg/l 0.06mg/l 1.2000 mg/l	Daphnia LC50/48h:	0.02mg/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 30 detergents other than those mentioned in 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.			

SECTION 14: Transport information (continued)

14.3 Transport hazard class(es)

ADR/RID	The product is not classified as dangerous for carriage.
Subsidiary risk	-
IMDG	The product is not classified as dangerous for carriage.
Subsidiary risk	-
IATA	The product is not classified as dangerous for carriage.
Subsidiary risk	-

14.4 Packing group

Packing group	The product is not classified as dangerous for carriage.

14.5 Environmental hazards

Environmental hazards	No
Marine pollutant	No

ADR/RID

Hazard ID	-
Tunnel category	-

IMDG

EmS Code	-

IATA

Packing Instruction (Cargo)	-
Maximum quantity	-
Packing Instruction (Passenger)	-
Maximum quantity	-

SECTION 15: Regulatory information

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

EU regulations:

- Regulation(EC)No.1907/2006 - REACH
- Regulation(EC)No1272/2008 - CLP
- Regulation(EC)No.648/2004 - Detergents regulation

Ingredients according to EC Detergents Regulation 648/2004

Less than 5%: Cationic surfactants, Non ionic surfactants

Other ingredients: Perfume

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: Changes to sections 1, 3, 8, 9, 11, 12, 15
Acronyms	LC: Lethal concentration. LD: Lethal dose. NDA - No data available. NOAEC: No observed adverse effect concentration. NOAEL: No observed adverse effect level. NOEC: No observed effect concentration. NOEL: No observed effect level. PBT: Persistent, bioaccumulative and toxic. SVHC. Substance of very high concern. vPvB. Very persistent and very bioaccumulative. *R01 - Polymer REACH number not available.
Text of Hazard Statements in Section 3	Skin Irrit. 2: H315 - Causes skin irritation. Eye Dam. 1: H318 - Causes serious eye damage. Acute Tox. 4: H302 - Harmful if swallowed. Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Aquatic Acute 1: H400 - Very toxic to aquatic life. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

Further information

	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 andbelief at the date of publication however no guarantee is made to its accuracy. This informationrelates only to the specific material designated and may not be valid for such material used incombination with any other materials or in any other process. Internal ref: F000068