



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

**PHS Foaming Bathroom 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 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](http://www.phsdirect.co.uk)  
**Telephone** 02920 809098  
**Email:** [www.phsdirect.co.uk/contact-us](http://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)

**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;<br>Eye Dam. 1: H318;<br>Aquatic Chronic 2: H411;                             |
| Alcohols, C12-14 (Even numbered), ethoxylated (*R01)                  |           | 68002-97-1 |           |                           | 1-10%       | Acute Tox. 4: H302;<br>Eye Dam. 1: H318;<br>Aquatic Chronic 3: H412;                              |
| Alkyl (C12-16) dimethylbenzyl ammonium chloride (*R01)                |           | 68424-85-1 | 270-325-2 |                           | 0-0.5%      | Acute Tox. 4: H302;<br>Skin Corr. 1B: H314;<br>Aquatic Acute 1: H400;<br>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

|  |  |
|--|--|
|  | 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 <sub>2</sub> ). 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<br>((2-methoxymethylethoxy)<br>propanol) | WEL 8-hr limit mg/m <sup>3</sup> : 308 |
|  | WEL 8-hr limit ppm: 50                 |

##### 8.1.1 Occupational Exposure Limits Values (OELVs) - Ireland

|  |  |                                 |
|--|--|---------------------------------|
| Di Methoxy Propanol<br>((2-methoxymethylethoxy)<br>propanol) | Occupational Exposure Limit Value (8-hour reference period)    | 50 ppm<br>308 mg/m <sup>3</sup> |
|  | Occupational Exposure Limit Value (15-minute reference period) | -                               |

#### DNEL: Derived no-effect level.

##### Exposure Pattern - Workers


|  |  |                           |
|--|--|---------------------------|
| Amides, C8-18 (even numbered)<br>and C18- unsatd., N, Nbis(hydroxyethyl) | Long-term - systemic effects, dermal     | 4,16 mg/kg bodyweight/day |
|  | Long-term - local effects, dermal        | 0,09 mg/cm <sup>2</sup>   |
|  | Long-term - systemic effects, inhalation | 73,4 mg/m <sup>3</sup>    |

|   |  |   |
|---|--|---|
|   |  |   |
| <b>Alkyl (C12-16) dimethylbenzyl ammonium chloride (*R01)</b> | Long term exposure - systemic effects, Dermal :<br>Long term exposure - systemic effects, Inhalation : | 5,7 mg/Kg/day<br>3,96 mg/m <sup>3</sup> |

#### Exposure Pattern - General population

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

#### 8.2 Exposure controls

|   |  |
|---|--|
| <b>8.2.1 Appropriate engineering controls</b><br><b>8.2.2 Individual protection measures</b><br><b>Eye / face protection</b><br><b>Skin protection -</b><br><b>Hand protection</b><br><b>Respiratory protection</b> |   |
|   | Adopt best Manual Handling considerations when handling, carrying and dispensing. Wash hands after handling the product. |
|   | Ensure adequate ventilation of the working area.   |
|   | Adopt best Manual Handling considerations when handling, carrying and dispensing.  |
|   | Not normally required. In case of splashing, wear: Safety glasses. (EN166)   |
| Wash hands after handling the product. For prolonged contact protection for the skin may be necessary. (EN374)  |  |
| 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

|                                  |                           |
|----------------------------------|---------------------------|
| <b>Appearance</b>                | Liquid                    |
| <b>Colour</b>                    | Green                     |
| <b>Odour</b>                     | Characteristic            |
| <b>pH</b>                        | <3.5                      |
| <b>Melting point</b>             | Not determined            |
| <b>Freezing Point</b>            | Not determined            |
| <b>Initial boiling point</b>     | Not determined            |
| <b>Flash point</b>               | Not determined            |
| <b>Evaporation rate</b>          | Not determined            |
| <b>Flammability (solid, gas)</b> | Not applicable to liquids |
| <b>Fat Solubility</b>            | Not determined            |
| <b>Partition coefficient</b>     | Not determined            |
| <b>Autoignition temperature</b>  | Not determined            |
| <b>Viscosity</b>                 | <100 cp @20°C             |
| <b>Explosive properties</b>      | Not explosive             |
| <b>Oxidising properties</b>      | Not oxidising             |
| <b>Solubility</b>                | Soluble in water          |
| <b>Vapour pressure</b>           | Not determined            |

#### 9.2 Other information

|                         |                        |
|-------------------------|------------------------|
| <b>Conductivity</b>     | Not determined         |
| <b>Surface tension</b>  | Not determined         |
| <b>Specific gravity</b> | 1.00 g/cm <sup>3</sup> |

### 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**

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

**11.1.4 Toxicological Information**

|  |                                       |                                 |                                      |
|--|---------------------------------------|---------------------------------|--------------------------------------|
| <b>Di Methoxy Propanol ((2-methoxymethylethoxy) propanol)</b>                | Oral Rat LD50: >4000 mg/kg (oral rat) | Dermal Rabbit LD50: 9510 mg/kg  | Inhalation Rat LC50/15min: 3.35 mg/l |
| <b>Amides, C8-18 (even numbered) and C18- unsatd., N, Nbis(hydroxyethyl)</b> | LD50 oral rat > 2000 mg/kg            | LD50 dermal rabbit > 2000 mg/kg |                                      |
| <b>Alcohols, C12-14 (Even numbered), ethoxylated (*R01)</b>                  | Inhalation Rat LC50/15min: NDA        | Dermal Rat LD50 NDA             | Oral Mouse LD50: NDA                 |
|  | Oral Rat LD50: 100 mg/kg              | Dermal Rabbit LD50: 2,000 mg/kg | Dermal Guinea Pig LD50 NDA           |
| <b>Alkyl (C12-16) dimethylbenzyl ammonium chloride (*R01)</b>                | Inhalation Rat LC50/15min: NDA        | Oral Rat LD50: 240 - 400mg/kg   | Dermal Rat LD50 800-1420 mg/kg       |
|  | Dermal Rabbit LD50: NDA               | Oral Mouse LD50 NDA             | Dermal Guinea Pig LD50: NDA          |

**SECTION 12: Ecological information**

**12.1 Toxicity**

|  |                               |                              |                                |
|--|-------------------------------|------------------------------|--------------------------------|
| <b>Di Methoxy Propanol ((2-methoxymethylethoxy) propanol)</b>                | Fish LC50/96h: 10,000 mg/l    | Daphnia EC50/48h: 1,919 mg/l | Algae LC50/72h: 1,000 mg/l     |
| <b>Amides, C8-18 (even numbered) and C18- unsatd., N, Nbis(hydroxyethyl)</b> | LC50 fish 1 2,4 mg/l          | EC50 Daphnia 1 3,2 mg/l      | ErC50 (algae) 3,9 mg/l         |
|  | NOEC (chronic) 0,07 mg/l      |                              |                                |
| <b>Alcohols, C12-14 (Even numbered), ethoxylated (*R01)</b>                  | Daphnia EC50/48h: NDA         | Fish LC50/96h: NDA           | Algae IC50/72h: NDA            |
| <b>Alkyl (C12-16) dimethylbenzyl ammonium chloride (*R01)</b>                | Daphnia EC50/48h: 0.0200 mg/l | Daphnia LC50/48h: 0.02mg/l   | Green algae EC50/96h: 0.06mg/l |
|  | Fish LC50/96h: 1.2000 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.<br>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. |
|--|--|

**14.3 Transport hazard class(es)**

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

**14.4 Packing group**

|                      |  |
|----------------------|--|
| <b>Packing group</b> | The product is not classified as dangerous for carriage. |
|----------------------|--|

**14.5 Environmental hazards**

|                              |    |
|------------------------------|----|
| <b>Environmental hazards</b> | No |
| <b>Marine pollutant</b>      | No |

**ADR/RID**

|                        |   |
|------------------------|---|
| <b>Hazard ID</b>       | - |
| <b>Tunnel Category</b> | - |

**IMDG**

|                 |   |
|-----------------|---|
| <b>EmS Code</b> | - |
|-----------------|---|

**IATA**

|  |   |
|--|---|
| <b>Packing Instruction (Cargo)</b>     | - |
| <b>Maximum quantity</b>                | - |
| <b>Packing Instruction (Passenger)</b> | - |
| <b>Maximum quantity</b>                | - |

**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"> <li>• Regulation(EC)No.1907/2006 - REACH</li> <li>• Regulation(EC)No1272/2008 - CLP</li> <li>• Regulation(EC)No.648/2004 - Detergents regulation</li> </ul> <p>Ingredients according to EC Detergents Regulation 648/2004<br/> Less than 5%: Cationic surfactants, Non ionic surfactants<br/> Other ingredients: Perfume</p> |
|--|--|

**15.2 Chemical safety assessment**

|  |   |
|--|---|
|  | A chemical safety assessment has not been carried out on the mixture. |
|--|---|

**SECTION 16: Other information****Other information**

|                 |  |
|-----------------|--|
| <b>Revision</b> | This document differs from the previous version in the following areas:  |
| <b>Acronyms</b> | <p>Changes to sections 1, 3, 8, 9, 11, 12, 15</p> <p>LC: Lethal concentration.<br/> LD: Lethal dose.<br/> NDA - No data available.<br/> NOAEC: No observed adverse effect concentration.</p> |

|  |  |
|--|--|
| <p><b>Text of Hazard Statements in Section 3</b></p> | <p>NOAEL: No observed adverse effect level.<br/> NOEC: No observed effect concentration.<br/> NOEL: No observed effect level.<br/> PBT: Persistent, bioaccumulative and toxic.<br/> SVHC. Substance of very high concern.<br/> vPvB. Very persistent and very bioaccumulative.<br/> *R01 - Polymer REACH number not available.<br/> Skin Irrit. 2: H315 - Causes skin irritation.<br/> Eye Dam. 1: H318 - Causes serious eye damage.<br/> Acute Tox. 4: H302 - Harmful if swallowed.<br/> Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.<br/> Aquatic Acute 1: H400 - Very toxic to aquatic life.<br/> Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.</p> |
|--|--|

**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: F000068</p> |
|--|--|