

## Safety Data Sheet

In accordance with REACH Regulation EC No.1907/2006

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

#### 1.1. Product identifier

**Product name:** Polysorbate 80  
**CAS number:** 9005-65-6  
**EINECS number:** -  
**Synonyms:** -  
**INCI name:** Polysorbate 80

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

**Use of substance/mixture:** Surfactant for industrial use, cosmetic and toiletry.

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

**Company name:** Bath and Body Base Ltd  
2A Laurel Way  
Bishop Auckland  
Co. Durham  
DL14 7NF  
**Tel:** 07493 064263  
**Email:** technical@bathandbodybase.com

#### 1.4. Emergency telephone number

**Emergency tel:** 07493 064263

### Section 2: Hazards identification

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

**Classification under CLP:** The product is not classified as dangerous according to Regulation 1272/2008 (CLP). Adverse physicochemical, human health and environmental effects: No other hazards.

#### 2.2. Label elements

**Hazard statements:** H412 Harmful to aquatic life with long lasting effects.  
**Signal words:** None.  
**Precautionary statements:** P273: Avoid release to the environment.  
P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

#### 2.3. Other hazards

**PBT:** This substance has no PBT, vPvB or endocrine disrupting properties.

**Section 3: Composition/information on ingredients****3.1. Substances**

**Substances:** Sorbitan Monooleate, Ethoxylated (20 EO)  
CAS Number: 9005-65-6

**3.2. Mixtures**

**Mixtures:** Not applicable.

**Section 4: First aid measures****4.1. Description of first aid measures**

**Skin contact:** After contact with skin, wash immediately with plenty of soap and water.

**Eye contact:** Wash immediately with water for at least 10 minutes.

**Ingestion:** Do not induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet.

**Inhalation:** Remove casualty to fresh air and keep warm and at rest.

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

**Symptoms/effects:** None.

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

**Immediate/special treatment:** None.

**Section 5: Fire-fighting measures****5.1. Extinguishing media**

**Suitable extinguishing media:** Water, Carbon dioxide (CO<sub>2</sub>)

**Unsuitable extinguishing media:** None in particular.

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

**Hazards:** Do not inhale explosion and combustion gases. Burning produces heavy smoke.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear protective clothing as per Section 8. Wear self-contained breathing apparatus. Collect contaminated fire extinguishing water separately. Do not discharge into drains. Move containers from fire area if this can be done without risk.

**Section 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Wear personal protection equipment. Remove person to safety. See Section 7 and 8.

**6.2. Environmental precautions**

**Environmental precautions:** Use suitable bunding around product and/or site to prevent environmental exposure. Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil. Retain contaminated washing water and dispose of it. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid-or universal binding agents).

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

**Clean-up procedures:** Wash with plenty of water.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to Section 8 and 13.

**Section 7: Handling and storage****7.1. Precautions for safe handling**

**Handling requirements:** Avoid contact with skin, eyes and clothing. Avoid breathing mist and vapours. Before making transfer operation, assure that there aren't any incompatible material residuals in the containers. See Section 8 for recommended protective equipment. Advice on general occupational hygiene: contaminated clothing should be changed before entering eating areas. Do not eat or drink while working.

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

**Compatible materials:** Stainless steel, polyethylene, paper.

**Incompatible materials:** None.

**Instructions as regards storage premises:** Adequately ventilated premises.

**7.3. Specific end use(s)**

**Specific end use(s):** See Section 1.

**Section 8: Exposure controls/personal protection****8.1. Control parameters**

**Control parameters:** No occupational exposure limits known.

**DNEL/DMEL:** Not applicable.

**PNEC:** Not applicable.

**8.2. Exposure controls**


<b>Respiratory protection:</b>	No special precautions are required for this product.
<b>Hand protection:</b>	No special precaution must be adopted for normal use.
<b>Eye protection:</b>	No special precaution must be adopted for normal use, operate according to good working practices.
<b>Skin protection:</b>	Overalls.
<b>Thermal hazard:</b>	None.
<b>Environmental:</b>	Use according to good practices of work.

**Section 9: Physical and chemical properties**
**9.1. Information on basic physical and chemical properties**

<b>Appearance:</b>	Liquid
<b>Colour:</b>	Yellow
<b>Odour:</b>	Typical
<b>pH:</b>	6 - 8 sol. 5%
<b>Melting point/range:</b>	Not determined.
<b>Boiling point/range:</b>	>250°C
<b>Solubility in water:</b>	Soluble in water
<b>Flammability:</b>	Not applicable.
<b>Upper explosive limit:</b>	Not applicable.
<b>Lower explosion limit:</b>	Not applicable.
<b>Flashpoint:</b>	>125°C
<b>Relative density:</b>	C.a. 1.08g/ml @ 20°C
<b>Solubility in oil:</b>	Not determined.
<b>Particlan coefficient (n-octanol/water):</b>	Not determined.
<b>Auto-ignition temperature:</b>	Not determined.
<b>Decomposition temperature:</b>	Not determined.
<b>Explosive properties:</b>	Not applicable.
<b>Oxidising properties:</b>	Not applicable.

**9.2. Other information**

<b>Other information:</b>	None.
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## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Considered stable under normal conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** None.

### 10.4. Conditions to avoid

**Conditions to avoid:** Considered stable under normal conditions.

### 10.5. Incompatible materials

**Materials to avoid:** Avoid contact with oxidising substances.

### 10.6. Hazardous decomposition product

**Haz. decomp. products:** May generate irritant/toxic mists/gases.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Information on toxicological effects:** Sorbitan Monooleate, Ethoxylated 20 OE  
CAS No: 9005-65-6  
Based on available data, the classification criteria are not met.  
Test: LD50 - Route: Oral - Species: Rat >38,000mg/kg

### 11.2. Symptoms/routes of exposure

**Skin contact:** Not classified.  
Based on available data the classification criteria are not met.  
Test: skin irritant - route: skin - species: rabbit negative - duration: 4h

**Eye contact:** Not classified.  
Based on available data the classification criteria are not met.  
Test: eye irritant - route: in vitro - species: RhCE (reconstructed human cornea-like epithelium) negative - source: OECD TG 492

**Ingestion:** No information available.

**Inhalation:** Not classified.  
Based on available data the classification criteria are not met.  
Test: test: skin sensitization - route: skin - species: guinea pig negative.

**Carcinogenicity:** Not classified.  
Based on available data, the classification criteria are not met.

**Germ cell mutagenicity:** Not classified.  
Based on available data, the classification criteria are not met.

**Teratogenicity:** No information available.  
 Reproductive toxicity: Not classified.  
 Based on available data, the classification criteria are not met.  
 STOT-single exposure and repeated exposure: Not classified.  
 Aspiration hazard: Not classified.  
 Endocrine disrupting properties: This substance has no endocrine disrupting properties.

## Section 12: Ecological information

### 12.1. Toxicity

**Toxicity:** Sorbitan Monooleate, Ethoxylated 20 OE  
 Adopt good working practices, so that the product is not released into the environment.  
 The product is classified: Aquatic Chronic 3 - H412  
 Aquatic chronic toxicity:  
 Endpoint: NOEC - Species: Fish >0.1-1mg/l  
 Endpoint: NOEC - Species: Daphnia >0.1-1mg/l  
 Endpoint: NOEC - Species: Algae >0.1-1mg/l

### 12.2. Persistence and degradability

**Persistence and degradability:** Not applicable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** Not applicable.

### 12.4. Mobility in soil

**Mobility:** Not applicable.

### 12.5. Results of PBT and vPvB assessment

**PBT identification:** Substance is not classified as PBT or vPvB.

### 12.6. Endocrine disrupting properties

**Endocrine disrupting potential:** No endocrine disruptor substances present in concentration  $\geq 0.1\%$

### 12.7. Other adverse effects

**Other adverse effects:** None.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Waste treatment methods:** Avoid release to the environment. Refer to special instructions/ Safety data sheets. Disposal should be in accordance with local, state or national legislation. Recover if possible or confer to authorized plants or to incineration in controlled conditions. For handling and provisions in case of accidental dispersion of the waste refer to the general indication given in the Sections 6 and 7. Give back containers to Supplier. In any case, evaluate the composition of the waste itself. Work in compliance with local and national dispositions.

**Section 14: Transport information**

<b>UN number or ID number:</b>	Not applicable.
<b>UN proper shipping name:</b>	Not applicable.
<b>Transport hazard class(es):</b>	Not applicable.
<b>Packaging group:</b>	Not applicable.
<b>Environmental hazards:</b>	Not applicable.
<b>Special precautions for user:</b>	Not applicable.
<b>Transport in bulk according to Annex II of Marpol and the IBC Code:</b>	Not classified.

**Section 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

<b>Specific regulations:</b>	<p>Dir. 98/24/EC (Risks related to chemical agents at work) Dir. 2000/39/EC (Occupational exposure limit values) Regulation (EC) n. 1907/2006 (REACH) Regulation (EC) n. 1272/2008 (CLP) Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013 Regulation (EU) n. 2020/878 Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 618/2012 (ATP 3 CLP) Regulation (EU) n. 487/2013 (ATP 4 CLP) Regulation (EU) n. 944/2013 (ATP 5 CLP) Regulation (EU) n. 605/2014 (ATP 6 CLP) Regulation (EU) n. 2015/1221 (ATP 7 CLP) Regulation (EU) n. 2016/918 (ATP 8 CLP) Regulation (EU) n. 2016/1179 (ATP 9 CLP) Regulation (EU) n. 2017/776 (ATP 10 CLP) Regulation (EU) n. 2018/669 (ATP 11 CLP) Regulation (EU) n. 2018/1480 (ATP 13 CLP) Regulation (EU) n. 2019/521 (ATP 12 CLP) Regulation (EU) n. 2020/217 (ATP 14 CLP) Regulation (EU) n. 2020/1182 (ATP 15 CLP) Regulation (EU) n. 2021/643 (ATP 16 CLP)</p> <p>Restrictions related to the product, or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications: Restrictions related to the product: Restriction 3 Restrictions related to the substances contained: No restriction.</p> <p>Where applicable, refer to the following regulatory provisions: Directive 2012/18/EU (Seveso III) Regulation (EC) nr 648/2004 (detergents). Dir. 2004/42/EC (VOC directive) Provisions related to directive EU 2012/18 (Seveso III): N.A. Regulation (EU) 2019/114</p>
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**15.2. Chemical Safety Assessment**

<b>Chemical safety assessment:</b>	No chemical safety assessment has been carried out.
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**Section 16: Other information****16.1. Other information****Other information:**

\* Indicates text in the SDS which has changed since the last revision.

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This safety sheet cannot cover all possible situations which the user may experience during processing.

Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary.

All health and safety information contained in this document should be provided to your employees or customers.