

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: Phenoxyethanol & Ethylhexylglycerin (EHG)
CAS number: 122-99-6 & 70445-33-9
EINECS number: 204-589-7 & 408-080-2
Synonyms: -
INCI name: Phenoxyethanol & Ethylhexylglycerin

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

Use of substance/mixture: Preservative. Cosmetics, personal care products.
Uses advised against: None identified.

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

2.2. Label elements

Label elements

Labelling according to Regulation S.I. 2019/720 (GB CLP)

Hazard symbols :



Signal word : Danger

Hazard statements : H302 Harmful if swallowed.
 H318 Causes serious eye damage.
 H335 May cause respiratory irritation.

Precautionary statements

Prevention	:	P261 P264 P270 P280	Avoid breathing mist or vapours. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response	:	P301 + P312 + P330 P304 + P340 + P312 P305 + P351 + P338 + P310	IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.
Disposal	:	P501	Dispose of contents/ container to an approved waste disposal plant.

Hazardous components which must be listed on the label:

- 2-phenoxyethanol
- 3-(2-ethylhexyloxy)propane-1,2-diol

2.3. Other hazards

Other hazards:	<p>This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.</p> <p>Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.</p> <p>Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.</p>
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Section 3: Composition/information on ingredients

3.1. Substances

Substances: Not applicable.

3.2. Mixtures

Classification

(REGULATION (EC) No 1272/2008)

Hazardous components Amount [%] Hazard class / Hazard Hazard
statements

category

2-phenoxyethanol

Index-No. : 603-098-00-9 <= 90 Acute Tox.4 Oral H302

CAS-No. : 122-99-6 Eye Dam.1 H318

EC-No. : 204-589-7 STOT SE3 H335

EU REACH- : 01-2119488943-21-xxxx

Reg. No. Acute toxicity estimate

Acute oral toxicity: 1394

mg/kg

Acute dermal toxicity:

2214.01 mg/kg

3-(2-ethylhexyloxy)propane-1,2-diol

Index-No. : 603-168-00-9 <= 10 Acute Tox.4 Inhalation H332

CAS-No. : 70445-33-9 Aquatic Chronic3 H412

EC-No. : 408-080-2 Eye Dam.1 H318

EU REACH- : 01-0000015745-65-xxxx

Reg. No. Acute toxicity estimate

Acute oral toxicity: 2000.01

mg/kg

Acute inhalation toxicity

(vapour): 11 mg/l

Acute dermal toxicity:

2000.01 mg/kg

Section 4: First aid measures

4.1. Description of first aid measures

General advice : When symptoms persist or in all cases of doubt seek
medical advice.

If inhaled : Remove victim to fresh air and keep at
rest in a position comfortable for
breathing. Obtain medical attention.

In case of skin contact : Wash off with soap and plenty of water. If symptoms
persist, call a physician.

In case of eye contact : Rinse immediately
with plenty of water, also under the eyelids,
for at least 15 minutes. Remove contact lenses, if
present and easy to do. Continue rinsing.

Immediate medical attention is required.

If swallowed
Drink plenty

: Rinse mouth with water. Do NOT induce vomiting.

of water. Never give anything by mouth to an unconscious person. Immediate medical attention is required.

Protection of First Aid
protection and Responders

: First Aid responders should pay attention to self-protection and use the recommended protective clothing.

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

Most important symptoms and effects:

Harmful if swallowed. Causes serious eye damage. May cause irritatory irritation. See Section 11 for more detailed information on the effects and symptoms.

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

Immediate/special treatment:

Treat symptomatically. For specialist advice physicians should contact the Poisons Information Service.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Use agent most appropriate to extinguish fire. Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Unsuitable extinguishing media:

High volume water jet.

5.2. Special hazards arising from the substance or mixture

Special hazards:

Heating or fire can release toxic gas. Vapours may form explosive mixtures with air.

Hazardous combustion
Pyrolysis products

: Carbon monoxide, Carbon dioxide (CO₂),

5.3. Advice for fire-fighters

Advice for fire-fighters:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Further advice
must not be discharged into drains.

:Collect contaminated fire extinguishing water separately. This

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:

Wear personal protective equipment. Ensure adequate ventilation. Wear respiratory protection. Avoid contact with the skin and the eyes. Do not

breathe vapor. Do not ingest.

6.2. Environmental precautions

Environmental precautions:

Do not flush into surface water or sanitary sewer system. precautions
Avoid subsoil penetration. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

For containment:

Use mechanical handling equipment. Keep in suitable, closed containers for disposal. Ensure adequate ventilation.

Treat recovered material as described in the section "Disposal considerations".

6.4. Reference to other sections

Reference to other sections:

See Section 1 for emergency contact information. See Section 8 for information on personal protective equipment. See Section 13 for waste treatment information.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements:

Keep container tightly closed. Avoid contact with skin, eyes and clothing. Do not breathe vapours or spray mist. Handle in accordance with good industrial hygiene and safety practice

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions:

Keep only in the original container. Keep away from oxidizing agents. Keep away from alkalis. To be stored separately from incompatible substances. See section 10.

Normal measures for preventive fire protection. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Use only explosion-proof equipment.

Keep tightly closed in a dry and cool place. Keep in a well-ventilated place. Keep away from direct sunlight.

Keep away from food, drink and animal feeding

stuffs. Do not store below the following

temperature: 10 °C

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 exposure limits have been set for this substance.

DNEL/DMEL:

DNEL

Workers, Long-term - systemic effects, Long-term – local effects, Inhalation 5.7mg/m³

DNEL

Workers, Long-term - systemic effects, skin contact 20.83mg/kg bw/day

DNEL

Consumers, Long-term - systemic effects, Long-term – local effects, Inhalation 2.41mg/m³

PNEC Predicted No Effect Concentration :

Fresh water	0.943 mg/l
Marine water	0.0943 mg/l
Sewage treatment plant (STP)	24.8 mg/l
Fresh water sediment	7.2366 mg/kg
Marine sediment	0.7237 mg/kg
Soil	1.26 mg/kg

8.2. Exposure controls

Engineering measures:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low. Individual protection measures, such as personal protective equipment.

Respiratory protection:

A respiratory protection program that meets OSHA's 29 CFR: 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

Eye protection:

Safety glasses. Tightly fitting safety goggles (splash goggles) (e.g. EN166).

Skin protection:

Wear appropriate protective gloves to prevent skin exposure, wear appropriate protective clothing to prevent skin exposure.

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

Appearance:	Liquid
Colour:	Colourless or slight yellow viscous.
Odour:	No data available.
Melting point/range:	No information available.
Boiling point/range:	No information available.
Solubility in water:	Easily soluble in cold water, methanol.
Flashpoint:	>110°C
pH:	No data available.

9.2. Other information

Other information: No information available.

Section 10: Stability and reactivity**10.1. Reactivity**

Reactivity: Risk of explosion in case of drying up.
May form explosive peroxides

10.2. Chemical stability

Chemical stability: Considered stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Vapours may form explosive mixture with air. May form explosive peroxides.

10.4. Conditions to avoid

Conditions to avoid: Heat. Keep away from open flames, hot surfaces and sources of ignition.No smoking.Keep away from direct sunlight.

10.5. Incompatible materials

Materials to avoid: Oxidising agents alkalis

10.6. Hazardous decomposition product

Haz. decomp. products: Carbon monoxide, Carbon dioxide (CO₂), Pyrolysis products..

Section 11: Toxicological information**11.1. Information on toxicological effects**

**Information on
toxicological effects:**

Acute oral toxicity estimate 1394 mg/kg)

Acute Toxicity Inhalation estimate > 20 mg/l (4 h; vapour)

11.2. Serious eye damage/irritation
**Serious eye
damage/irritation:**

Causes serious eye damage

11.3. Skin corrosion/irritation
**Skin
corrosion/irritation:**

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

11.4. Sensitisation

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

11.5. Inhalation
Aspiration hazard:

Lack of data.

11.6. Carcinogenicity
**Carcinogenicity
Mutagenicity
Reproductive
Toxicity**

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

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

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

Teratogenicity

No data available

11.7. Germ cell mutagenicity
**Germ cell
mutagenicity:**

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

11.8. Teratogenicity
**Reproductive
toxicity:**

Lack of data.

**STOT - single
exposure and
repeated exposure:**

Lack of data.

**STOT - repeated
exposure:**

Lack of data.

Other Information:

Not known to cause sensitization.

Section 12: Ecological information
12.1. Toxicity
Toxicity:

Aquatic toxicity: Lack of data.

Toxicity to daphnia and other aquatic invertebrates.

EC50 - Lack of data. Water Hazard Class: Lack of data.

12.2. Persistence and degradability
**Persistence and
degradability:**

Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the products of Biodegradation: Not available.
Special Remarks on the Products of Biodegradation: Not available.
Further details: Biodegradability in water: Lack of data

12.3. Bioaccumulative potential

Partition coefficient (n-Octanol/water): No information available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment: No data available.

12.6. Other adverse effects

Other adverse effects: General: Do not allow to enter groundwater, surface water or drains.

Section 13: Disposal considerations

13.1. Waste treatment methods

General: Avoid release to the environment. Refer to special instructions /Safety data sheets. Disposal should be in accordance with local, state or national legislation.

Product/packaging disposal: Waste codes/waste designations according to LoW: According to local regulations.

Waste treatment-relevant information: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste.
US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
RCRA P-Series: None listed.
RCRA U-Series: None listed.
Sewage disposal-relevant information: According to local regulations.

Other disposal recommendations: No information.

Section 14: Transport information

UN number or ID number: Not applicable.

UN proper shipping name: Not regulated.

Transport hazard class(es): Not applicable.

Packaging group: Not applicable.

Environmental hazards: IMDG-Marine Pollutant: No.

Special precautions for user: No dangerous good in sense of these transport regulations.

Transport in bulk according to Annex II No data available.

of Marpol and the
IBC Code:

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

Specific regulations: No data available.
Inventory Status:
Listed in: US (TSCA), Europe (ELINCS), New Zealand (NZIoC),
Philippines (PICCS), Canada (DSL), China (IECSC), Australia
(AICS), Japan (ENCS).

15.2. Chemical Safety Assessment

**Chemical safety
assessment:** No data available.

Section 16: Other information**16.1. Other information**

Other information: * Indicates text in the SDS which has changed since the last revision.

Legal disclaimer: This information is provided for documentation purposes only.

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Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.

Compliance with all appropriate local regulations remains the responsibility of the user.

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.