Safety Data Sheet
SALIGUARD EHGP

Section 1 - IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY	
1.1 Product identifier :	
• Product Name :	SALIGUARD EHGP
1.2 Relevant identified uses of the substances or mixture and used advised against	
• Recommended use :	Preservative in personal care and cosmetic applications
• Recommended restrictions :	None known
1.3 Details of supplier of the safety data sheet :	
• Manufacturer Details:	The Soap Kitchen Unit 8 Caddsdown Industrial Park, Clovelly Road, Bideford, Devon EX39 3DX Tel: 01237 420872 (+44 (0)1237 420872) Email: it@thesoapkitchen.co.uk
Section 2 - HAZARDS IDENTIFICATION	
2.1 Classification of substance or mixture according to Regulation (EC) No 1272/2008 (CLP)	
Human health hazard categories and codes:	Acute oral toxicity category 4 Eye Irritation category 2
Environmental hazards categories and codes:	Aquatic chronic toxicity category 3
2.2 Labeling according to Regulation (EC) No 1272/2008 (CLP)	
• Hazard Pictogram:	Signal Word: Warning  GHS07

	Exclamation mark
• Hazard Statements:	H302: Harmful if swallowed. H319: Causes serious eye irritation. H412 : Harmful to aquatic life with long lasting effects
• Precautionary Statements:	P264: Wash thoroughly after handling. P280: Wear protective gloves/ protective clothing/ eye protection/ face protection. P330: Rinse mouth. P337+P313: If eye irritation persists: Get medical advice/attention. P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. P273: Avoid release to the environment.

2.3. Other hazards	Not known

Section 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Constituent	CAS No.	EC No.	Typical concentration	Concentration range	Remarks
Phenoxyethanol	122-99-6	204-589-7	90.0%	>= 88.0%- <92.0%	None
Ethylhexylglycerin	70445-33-9	408-080-2	10.0%	>=8.0% - < 12.0%	None

Section 4 - FIRST AID MEASURES

4.1 Description of First Aid measures:

• General measures :	Remove contaminated clothing and shoes. Get medical attention if you feel unwell (show this label to doctor/physician if possible).
• Eye contact :	Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
• Skin Contact :	Wash thoroughly with soap and water.
• Inhalation :	If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention. If not breathing, give artificial respiration; if by mouth to mouth use rescuer protection (pocket mask, etc). If breathing is difficult, oxygen should be administered by qualified personnel.
• Ingestion :	Rinse mouth immediately and then drink plenty of water, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.

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

- In all cases of doubt, or when symptoms persist, seek medical advice.

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

- Treat according to symptoms (decontamination, vital functions), no known specific antidote. If hemolysis is suspected, monitor hemoglobin, hematocrit, plasma free hemoglobin, and urinalysis. Whole blood or packed RBC transfusion may be required in severe cases. Alkalinization of urine with bicarbonate may prevent renal damage. Maintain adequate ventilation and oxygenation of the patient.

Section 5 - FIRE-FIGHTING MEASURES

5.1. Extinguishing media:

Suitable extinguishing media: Water, dry extinguishing media, Carbon dioxide, Foam(Alcohol resistant foams (ATC type), Water fog

Unsuitable extinguishing media : Direct water stream

5.2. Special hazards arising from the substance or mixture:

Harmful vapours, , Evolution of fumes/fog- CO2 and H2O

5.3. Advice for fire-fighters

Special protective equipment for fire-fighters:
Wear a self-contained breathing apparatus.
Further information:
The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.
Immediately withdraw all personnel from the area in case of rising sound from venting safety device or discoloration of the container. Move container from fire area if this is possible without hazard.

Section 6 - ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures:

• Personal Protective Equipment :	Put on appropriate personal protective equipment (see section Exposure controls / personal protection).
• Skin Protection :	Avoid contact with eyes and skin by use of protective equipment. .(as mention in section 8.2)
• Respiratory Protection :	Wear personal respiratory protective equipment. .(as mention in section 8.2)
• Work Practices :	Do not eat, drink, and smoke at working place. Avoid contact with skin and eye. Take care on disposal of product.

6.2. Environmental precautions:

- Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning:

- For large amounts: Pump off product.
- For residues: Pick up with suitable absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Dispose of absorbed material in accordance with local regulations.

Section 7 - HANDLING AND STORAGE

7.1 Precautions for safe handling

- Prevent contact with air/oxygen (formation of peroxide).
- Do not swallow.
- Wash thoroughly after handling
- Avoid contact with eyes, skin, and clothing ,including safety spectacles or full face shield and impermeable gloves (PVC or neoprene).
- Keep container closed
- Use with adequate ventilation.

7.2 Conditions for safe storage:

- Containers should be stored tightly sealed in a dry place.
- Store in the following material(s): Carbon steel. Stainless steel. Phenolic lined steel drums
- Protect from temperatures below: 15 °C
- Do not store in: Aluminum. Copper. Galvanized iron. Galvanized steel

Note: The product crystallizes below the limit temperature

Packaging of the substance and or preparation: IBC (Intermediate Bulk Container for liquids); HD polyethylene upto 1000 litre.

7.3 Specific end use(s):

As mention in section 1.2.

Section 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Not Applicable.

8.2 Exposure Control:

• Engineering measures:	Use only with adequate ventilation. If user operations generate fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
• Respiratory Protection:	If airborne concentrations pose a health hazard, become irritating or exceed recommended limits, use a NIOSH approved respirator in

	accordance with OSHA respiratory protection requirements under 29 CFR 1910.134
• Hand Protection:	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
• Eye protection:	Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU)
• Skin protection:	protective clothing
• Hygiene measures :	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Section 9 – PHYSICAL & CHEMICAL PROPERTIES:

9.1 Information on basic physical and chemical properties:

• Apperance :	Clear colourless liquid
• Odour :	Odorless
• Odour threshold :	Not available
• pH :	Not available
• Melting point/Freezing point :	11.8 °C at 1013 hPa for 2-phenoxyethanol
• Initial boiling point and boiling range :	> 244.3 °C for 2-phenoxyethanol
• Flash point :	126 °C at 101.23 kPa
• Evaporation rate :	Not available
• Flammability :	Not available
• Upper/lower flammability or explosive limits :	Not available
• Vapour pressure :	0.021 hPa 25 °C
• Vapour density :	Not available
• Relative density :	0.940 – 0.960 g/cm3
• Solubility(ies) :	Water solubility28.6 g/L Temp. 20.7 °C pH 7
• Partition coefficient: n-octanol/water :	Not available

• Auto-Ignition Temperature :	475 °C at > 997 < 1001 hPa for 2-phenoxyethanol
• Decomposition temperature :	Not available
• Viscosity :	Not available
• Explosive properties :	Not available
• Oxidizing properties :	Not available

9.2 Other information : None

Section 10 - STABILITY AND REACTIVITY

• Reactivity :	No specific test data related to reactivity available for this product or its ingredients.
• Chemical stability :	Under normal conditions the product is stable.
• Possibility of hazardous reactions :	Under normal conditions of storage and use, hazardous reactions will not occur. Stable.
• Conditions to avoid :	Do not distill to dryness. Product can oxidize at elevated temperatures.
• Hazardous decomposition products :	No hazardous decomposition products if stored and handled as prescribed/indicated.
• Incompatible materials :	Strong acids. Strong bases. Strong oxidizers

Section 11 - TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

• Toxicity	Acute oral toxicity
• Species	Rat
• Effect level	LD 50 - 1850 mg/kg bw

11.2 Irritation Corrosion:

- Eye: Irritating to eyes.
- Skin: Non-irritating.

11.3 Sensitization

- Skin: Not sensitizing

11.4 CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

• Carcinogenicity :	Not classified as carcinogen.
• Mutagenic effects :	Not classified as a mutagen.

• Reprotoxic effects :	Not found to be reprotoxic.
11.5 Other toxic effects on humans:	
• Inhalation :	No data available
• Eyes :	No data available
• Ingestion :	No data available
• Chronic toxicity :	No data available
11.6 NIOSH Immediately Dangerous To Life or Health Concentration (IDLH):	
• No information available	
11.7 Specific target organ toxicity:	
• Single exposure :	No experimental or epidemiological sufficient evidence for specific target organ toxicity
• Repeated exposure :	No experimental or epidemiological sufficient evidence for specific target organ toxicity
Section 12 - ECOLOGICAL INFORMATION	
12.1 Ecotoxicity:	
• No data available.	
12.2 Persistence and degradability:	
• No data available.	
12.3 Bioaccumulative potential:	
• No data available.	
12.4 Mobility in soil:	
• Data not available	
12.5 Results of PBT and vPvB assessment:	
• Not PBT and PVB	
12.6 Other adverse effects:	
• None	

Section 13 - DISPOSAL CONSIDERATIONS:

• Disposal of product:	In accordance with regulations for hazardous waste, must be taken to a hazardous waste disposal site.
• Disposal of Packaging:	Regulations concerning reuse or disposal of used packaging materials must be observed.

Section 14 - TRANSPORT INFORMATION

The product does not classified hazardous to transport as per Land transport (ADR/RID), Marine transport (IMDG), Air transport ICAO/IATA, and Department of Transportation (DOT).

• UN Number :	Not applicable
• UN proper shipping name :	Not regulated
• Transport hazard class :	Not applicable. Not classified as dangerous for transport.
• Packing group :	Not regulated
• Environmental hazards :	Prevent disposal into the drains.

Section 15 - REGULATORY INFORMATION

15.1 Other regulatory information:

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture
No data available
Inventory Status:
Listed in: TSCA (United states),EINECS/ ELINCS(EU), NZIoC (New zealand),DSL(Canada),PICCS(Philippines),AICS (Australia),Japan (ENCS).

- HMIS (Hazardous Materials Identification system) classification

Health	**1**
Fire	**1**
Physical Hazard	**0**
Personal Protection	**D**

1 = Irritation or minor reversible injury possible.

1 = Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 °F. (Class IIIB).

0= Materials that are normally stable, even under fire conditions, and will not react with water, polymerize, decompose , condense, or self-react. Non-explosives.

	D = 
• NFPA : (National Fire Protection Association)	Health 1 Fire 1 Reactivity 0 1 = Exposure would cause irritation with only minor residual injury 1 = Materials that require considerable preheating, under all ambient temperature conditions, before ignition and combustion can occur (e.g. mineral oil). Includes some finely divided suspended solids that do not require heating before ignition can occur. Flash point at or above 93 °C (200 °F). 0=Normally stable, even under fire exposure conditions, and are not reactive with water.

15.2 Chemical Safety Assessment:

- A chemical safety assessment has been carried out for the substance or the mixture by the supplier (LR)- No

Section 16 – OTHER INFORMATION

16.1 Technical Advice:

- Use data given in this Safety Data Sheet and make an inventory list of all chemicals used in the factory
- Create a Register for Workplace Chemicals;
- Set priorities concerning the safety in the organization
- Create emergency plans for the assessed hazards;
- Organize occupational health care and regular surveys as necessary;
- Organize contacts with authorities/laboratories to create a monitoring system for chemical hazards, and to reliably measure and/or estimate occupational exposures to chemicals when needed;
- Start collecting case studies of accidents and sickness records in the enterprise to create a basis for priority measures in the control of hazards;
- Involve workers in safety organizations, such as the system of Safety Representatives and Committees.
- Do regular inspection using checklists made for the particular chemicals and chemical processes in use;
- Mark and label all chemicals;
- Keep at hand an inventory list of all chemicals handled in the place of work together with a collection of Chemical Safety Data Sheets for these chemicals;
- Train workers to read and understand the Chemical Safety Information, including the health hazards and routes of exposure; train them to handle dangerous chemicals and processes with respect;

• Plan, develop and choose the safe working procedures;
• Reduce the number of people coming into contact with dangerous chemicals;
• Reduce the length of time and/or frequency of exposure of workers to dangerous chemicals;
• Train workers to know and understand the emergency procedures;
• Equip and train workers to use personal protective equipment properly after everything possible has been done to eliminate hazards by means of other methods;
16.2 List of relevant R phrases:
R22 - Harmful if swallowed. R36 - Irritating to eyes R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment