



AE CHEMIE, INC.  
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ae chemie

## SAFETY DATA SHEET

### Section 1: identified of the substance/mixture and of the company

- 1.1 Product name: **AE PRESERVAPURE PC**  
INCI Name: **Phenoxyethanol and Caprylyl Glycol**
- 1.2 Relevant identified uses of the substance or mixture and uses advised  
Uses: **Cosmetics**

#### IDENTIFIED USES

##### Manufacture of ingredient

Formulation/ batching of preparations and/ or re-packaging  
Industrial use  
Professional use  
Consumer use  
See additional information in the Exposure Scenario

#### 1.3 DETAILS OF THE SUPPLIER SAFETY DATA SHEET

Supplier: **AE CHEMIE INC**  
Address: 13920 S Figueroa Street, Los Angeles, CA 90061  
Telephone: +1(310) 523-2888 Fax: +1(310) 523-2882

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance of mixture

Classification (CLP)  
Classification according to Regulation (EC) no. 1272/2008 (CLP / GHS)  
This mixture is classified as hazardous according to the regulation (EC) No. 1278/2008 (CLP)  
GHS Classification Pictograms:



Acute Tox. / H302 Eye Irrit. 2 / H319	Acute Tox (oral): Serious eye damage /eye irritation	Harmful if swallowed Causes serious eye irritation
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GHS Precautionary Statements: P280: Wear Protection gloves/protective clothing/eye protection/face protection.  
P305 + P351 + P338 if in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if and easy to do. Continue rinsing.

2.2 Label Elements – According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

Additional advice on labelling

Potential Health Hazards:

Eyes: Cause serious eye irritation.  
Inhalation: Not expected to be irritant  
Ingestion: Not expected to be irritant.

NFPA Rating (704):



4. Severe Hazard  
3. Serious Hazard  
2. Moderate Hazard  
1. Slight Hazard  
0. Minimal Hazard

#### 2.3 Other Hazards

Other hazard which do not results in classification

Hazard Statements:

H302

Harmful if swallowed

H319

Causes serious eye irritation

Safety Precautions:

P280

Wear protective gloves/protective clothing/eye Protection/face protection.

P330

Rinse Mouth.

P337, P313

If eye irritation persists, get medical advice/attention.

None known

Special skid risk by leaking/spilling product.  
Store away from Light and Heat ( 0-30C)

Contains: 2-phenoxyethanol (octane -1,2, diol  
Supplemental Hazard information (EU): Not applicable

ADDITIONAL INFORMATION (EU): Not applicable

Labelling (67/548/EEC or 1999/45/EV)



Xn Harmful

**Hazard Statement:**

22

Harmful if swallowed

36

Irritating to eyes

**Safety Precautions:**

26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Contains

2-phenoxyethanol  
Octane 1,2 -diol INCI: Caprylyl Glycol)

Special provisions concerning the labeling of certain mixtures: Not applicable  
Other hazards

### SECTION 3: COMPOSITION/INFORMATION -INGREDIENTS

3.1 Component: mixtures	Mixture: 100%
INCI declaration: Phenoxyethanol, Caprylyl Glycol	( 50-100%, 5-10%)
CAS #: 204 -589-7; 1117-86-8	

**Hazardous components**

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environments.

### SECTION 4: FIRST AID MEASURES

**General Information for first aid measures**

**4.1 Eye Contact**

In case of contact with eyes, rinse immediately with running water with eyelids open for a few minutes.

**Skin Contact**

In case of contact with skin, remove contaminated clothing and wash immediately with plenty of water. Immediately flush skin with large amounts of water for at least 15 minutes, and follow by washing with soap and water

**Inhalation:**

Remove to fresh air, ask for a medical attention.

**Ingestion :**

If swallowed, do not induce vomiting; transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

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

Potential acute health effects

Eye contact

Causes eye irritation

Inhalation

No known significant effect or critical hazards

Skin contact

Causes skin irritation

Ingestion

Irritating to mouth, throat and stomach

**4.3 Over- exposure signs/ symptoms**

Eye Contact

Adverse symptoms may include the following: pain and irritation watering, redness

Inhalation

No specific data

Ingestion

No specific data

Skin Contact

Adverse symptoms may include the following: irritation, redness

### SECTION 5: FIREFIGHTING MEASURES

**5.1 Existing Media**

Recommended extinguishers: water, CO2, foam, fog and dry chemical.

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

Hazardous combustion products may include: a complex mixture of solid and liquid particulates and gases (smoke). Carbon monoxide. Unidentified organic and inorganic compounds. Carbon monoxide may be evolved if incomplete combustion occurs.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective and emergency procedures

For emergency responders

If specialized clothing is required to deal with spillage, take note of any information. See also the information" For non-emergency personnel.

For non- emergency personnel

No actions shall be taken involving any personal risk or without suitable training.

### 6.2 Environmental Precautions

Avoid dispersal of spill area. Dilute with water and mop up if water-soluble.

Methods and materials for containment and cleaning up

Spill of this product is slippery. Absorb of wet product

### 6.3 Reference to other section

See section 1 for emergence contact information

See section 8 for information appropriate personal protective equipment

See section 13 for additional waste treatment information.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

#### Protective measures

Put on appropriate personal equipment (see sec 8). Do not ingest. Avoid contact with eyes, skin, and clothing. Avoid breathing vapor and mist. Keep in the original container or an approved alternative made from a compatible material, tightly closed when not in use. Store in a dry and covered area at ambient temperature. Avoid extremes of temperature, wet, damp and humid conditions and open systems to minimize vapor and release exposure. Observe technical data and instructions use.

### 7.2 Conditions for safe Storage and Handling

### 7.3 Specific and Use(s)

#### Additional information

None

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Occupational Exposure Limit

### 8.1 Control parameters

#### Occupational exposure limits

No exposure limit value

Recommended monitoring procedures

Appropriate Engineering Control

#### Individual Protection Measures and personal Protection Equipment (PPE)

Eye/ Face Protectant

Skin Protection

Respiratory Protection

Wear chemical splash goggles or face mask.

Wear protective gloves. Cover all, or a lab coat should be worn.

Respiratory protection is not normally needed since volatility and toxicity are low. If significant vapors, mists, or aerosols are present, use proper respirator or equivalent.

Avoid extreme temperatures and open flames.

#### Thermal hazards

## SECTION 9: EXPOSURE CONTROLS/PERSONAL PROTECTION

Appearance:	Liquid
Color:	Colourless
Sp Grav:	0.93 to 1.10 @ 20C
Density @ 25°C:	No Data Available
Flash point:	N/A
Boiling temperature /boiling range	140C
Solubility:	7.5 g/L
pH (1% Solution)	7.0 – 8.5%
Flammability	No data Available
Solid	No data Available
Gas	No data Available
Explosive properties	No data Available
Lower explosion limits:	No data Available
Upper explosion limits:	No data Available
Auto ignition temperature	
Solid	No data Available
Gas	No data Available

Vapor Pressure:	No data Available
Density	1.10 g/cm <sup>3</sup> pycnometer
Bulk	No data Available
Water	soluble

## SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under recommended storage conditions.
10.2 Chemical Stability	Stable under normal temperature and pressure
10.3 Possibility of hazard reactions	No when stored in recommended conditions
10.4 Condition to avoid	Heat, open flame and spark
10.5 Incompatible materials	Avoid strong oxidants such as liquid chlorine, enriched gaseous or liquid oxygen and sodium or calcium hypochlorite
10.6 Hazardous decomposition products	During combustion: Oxides of carbon, sulfur or nitrogen, Vapor may be irritating or harmful.

## SECTION 11: TOXICOLOGICAL INFORMATION

<u>Acute Toxicity/ conclusion summary</u>	2-phenoxyethanol oral, LD50, Rat: > 2000 mg/kg 2-phenoxyethanol dermal, LD50, Rabbit: > 2000 mg/kg Octane – 1, 2 diol oral, LD50, Rat: > 2000 mg/kg Octane – 1, 2 diol subacute oral toxicity, NOEL; Rat: 50 mg/kg/bw/day (28d) Octane – 1, 2 diol subacute oral toxicity, NOEL; Rat: 300 mg/kg/bw/day (28d)
Irritation/Corrosion	2-phenoxyethanol Eyes, Rabbit: Evaluation: Irritant. Method OECD 405 2-phenoxyethanol Eyes, Rabbit: Evaluation: Irritant. Method OECD 4045
Sensitizing effects	Octane 1,2 diol, Skin: Evaluation, not sensitizing. Method: OECD 429 Octane 1,2 diol Skin: Evaluation not sensitizing, Method OECD 406
Eyes	Irritating to the eyes
Mutagenicity	Not mutagenic
Carcinogenicity	Not listed carcinogen by IARC, NTP, OSHA, ACGIH
Reproductive Toxicity	This product is not expected to cause reproductive or developmental effects.
Teratogenicity	Not teratogenic
Specific Target organ	Not available Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.
Aspiration hazard	Toxicological data are not available.
Signs and symptom related to the overexposure	Considered non- toxic in normal use.
Delayed and immediate effects, short/long term exposure	Not Applicable
Interactive Effects	Not Applicable
Medical conditions Aggravated by exposure	Not Applicable
<u>Chronic -Toxicity</u>	
Conclusion summary	Not Available
General	No known significant effects or critical hazards

## SECTION 12: ECOLOGICAL INFORMATION

12.1 Eco Toxicity	Toxic to aquatic life- None established
12.2 Persistence and degradability	Biodegradable
12.3 Bio- accumulative	No data available
12.4 Mobility in Soil	No data available
12.5 Other adverse effects	Not known significant effects or critical hazards
12.6 Results of PBT and vPvB	Not applicable
Further information	No heavy metals and inorganic components

## SECTION 13: DISPOSAL METHOD

<u>Product</u>	
Disposal methods	Recycle if possible. If not, absorbs spilled material on inert absorbent and dispose of solidified material in accordance with local or other applicable laws and regulation.
European Waste Code	Within the present of our knowledge, this product is not regarded as hazardous waste, as defined by EU Directive 75/442/EEC and 91/869/EEC in corresponding versions, covering waste and dangerous waste.
<u>Packaging</u>	
Method of disposal	The generator of waste should be avoided or minimized as much as possible. Waste packaging should be recycled. Incineration or landfill should be considered when recycle is not feasible.

## SECTION 14: TRANSPORTATION INFORMATION

**Land Transportation (ADR/RID)**  
**Inland waterways Transport (ADN)**

14.1 UN Number	No classified as hazardous for transportation
14.2 UN Proper name	No classified as hazardous for transportation
14.3 Transport hazard Class	No classified as hazardous for transportation
14.4 Packing Group	None
<b>Inland waterways Transport (ADN)</b>	No classified as hazardous for transportation
14.1 UN Number	
14.2 UN Proper name	No classified as hazardous for transportation
14.3 Transport hazard Class	No classified as hazardous for transportation
14.4 Packing Group	None
14.5 Environmental hazards	None
14.6 Special Precautions for users	No dangerous good in sense of this transport regulations
14.7 Transport in bulk according to Annex II of Marpol 73/78 and the IBC Code	No dangerous good in the sense of the transport regulations
Other applicable information	

**SECTION 15: REGULATORY INFORMATION**

15.1 Safety, health and environmental regulations/legislation specific for the substances or mixture	
EU Legislation	
National Regulation Information	
Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe restrictions to employment for juvenile according to the juvenile according to the juvenile work protection guideline (94/33/EC).	
Substance /product listed in the following inventories:	
AICS no information	
DSL no information	
IECSC no information	
KECI no information	
MITI no information	
PICCS no information	
TSCA no information	
TSCA not listed	
Water contaminating class (d)	Slightly water contaminating
15.2 Chemical Safety Assessment-	Required

**SECTION 16: OTHER INFORMATION**

Abbreviation/ acronyms		
ATE	Acute Toxicity Estimate	
CLP	Classification, Labeling and Packaging Regulation (Regulation (EC) no. 1272/ 2008)	
DNEL	Derived No Effect Level	
EUH Statement = CLP Specific		
Hazard Statement		
PNEC	Predicted no Effect Concentrations	
RRN	REACH registration no.	
<u>Relevant R and H Phases ( number and full text):</u>		
Acute Tox. 4/H302	Acute toxicity (oral):	Harmful if swallowed.
Eye Irrit. 2 /H319	Serious eye damage / eye irritation	Causes serious eye irritation
Xn; R22	Harmful	Harmful if swallowed
Xi; R36	Irritant	Irritating to eyes

**The End**

History: 10/20 (rev.00)

Version: 0

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As the users' conditions of work are not known, the information contained in this safety data sheet is accurate to the best of our knowledge and is based on the national and community regulations. The product must not be employed for uses other than those specified in item 1 without having previously obtained written handling instructions. Users are responsible for taking all measures necessary to comply with the requirements of the law and the local regulations. The information contained in this sheet should be regarded as a description of the safety requirements relating to our products and not as a guarantee of its properties

