SAFETY DATA SHEET
2-PHENOXYETHANOL

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE
COMPANY/UNDERTAKING

Product name 2-PHENOXYETHANOL
In-house No. 4691
Applications @@Laboratoriekemikalie@@
Supplier Fisher Scientific AB
gtf.info@thermo Fisher.com
Södra Långebergsgatan 30
SE-421 32 Västra Frölunda
Tel: 031-689400
Fax: 031-680717
EU index No. 603-098-00-9
EC No. 204-589-7
Gross formula C8H10O2
CAS No. 122-99-6

2. HAZARDS IDENTIFICATION

EYE CONTACT: can irritate the eyes. SKIN CONTACT: may give irritations to the
skin. INGESTION: harmful if swallowed. INHALATION: may irritate the mucuos
membranes.

CLP
Hazard pictograms

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

CLP
Section 16 contains detailed classification phrases.

4. FIRST AID MEASURES

Inhalation Move the exposed person to fresh air at once. Provide rest, warmth and fresh air.

Ingestion NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!
Promptly get affected personnel to drink large volumes of water to dilute
the swallowed chemical. DO NOT induce vomiting. Get medical attention
immediately.

Skin
Promptly wash contaminated skin with soap or mild detergent and water.
Promptly remove clothing if soaked through and wash as above. Use suitable
lotion to moisturise skin.

Eyes
Promptly wash eyes with plenty of water while lifting the eye lids. Continue to
rinse for at least 15 minutes and get medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing media
Water spray, fog or mist. Powder, foam or CO2. Dry chemicals, sand, dolomite
etc.

Special fire fighting procedures
Move container from fire area if it can be done without risk. Avoid breathing fire
vapours.

Specific hazards
Vapours may ignite. May react violently with oxidising materials.

6. ACCIDENTAL RELEASE MEASURES

Spill cleanup methods
Avoid contact with skin or inhalation of spillage, dust or vapour. Absorb in
vermiculite, dry sand or earth and place into containers. Shovel into dry
containers. Cover and move the containers. Flush the area with water. Smaller
spill:

7. HANDLING AND STORAGE

Usage precautions
Eye wash station should be available at the work place. Avoid spilling, skin and
eye contact. Avoid prolonged or repeated exposure.

Storage precautions
Keep in cool, dry, ventilated storage and closed containers. Store in a safe place
away from children and not together with or near food, animal feed or medicines
etc.

Storage criteria
Chemical storage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation
Provide adequate general and local exhaust ventilation.

Respirators
Gas cartridge (organic substances).

Protective gloves
Multi-layer material (eg 4H, Saranex).

Eye protection
If risk of splashing, wear safety goggles or face shield.

Other Protection
Protective clothing as needed.

Hygienic work practices
Wash at the end of each work shift and before eating, smoking and using the
toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Liquid. Oily.

Colour
Colourless.

Odour
Mild (or faint). Aromatic.

Solubility description
Very soluble in: Alcohol. Ether.

Solubility value (g/100g H2O 20°C)
2.67

Molecular weight
138.17

Boiling point (°C, interval)
~ 245

Pressure

Melting/freezing point (°C, interval)
11 - 14

Temperature (°C)
20

Density (g/cm³)
1.11

Vapour density (air=1)
4.80
### 10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vapour pressure</td>
<td>0.01</td>
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<tr>
<td>Temperature (°C)</td>
<td>20</td>
</tr>
<tr>
<td>Viscosity (interval)</td>
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<tr>
<td>Temperature (°C)</td>
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<tr>
<td>Flash point (°C)</td>
<td>121</td>
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<tr>
<td>Method</td>
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<tr>
<td>Auto ignition temp. (°C)</td>
<td>535</td>
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<tr>
<td>Flammability limit (%)</td>
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</table>

**Stability**


**Materials to avoid**

Strong oxidising agents. Acid anhydrides.

**Hazardous decomp. products**

High temperatures generate: Very toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2).

### 11. TOXICOLOGICAL INFORMATION

**Toxic dose - LD 50:**

1260.00 mg/kg (oral rat)

**Health warnings**

Irritating to skin. Solvent vapours are hazardous and may cause nausea, sickness and headaches. Anaesthetic in high concentrations. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Prolonged or repeated contact: Liver and/or kidney damage.

**Route of entry**

Inhalation. Skin absorption. Ingestion.

**Target organs**


**Medical symptoms**


### 12. ECOLOGICAL INFORMATION

### 13. DISPOSAL CONSIDERATIONS

**Disposal methods**

Confirm disposal procedures with environmental engineer and local regulations.

### 14. TRANSPORT INFORMATION

### 15. REGULATORY INFORMATION

**EC no.**

204-589-7

**Other information**

EC label

### 16. OTHER INFORMATION

* Information revised since the previous version of the SDS

**Information sources**


**Revision date**

2011-01-25