

1. Identification of the substance/preparation and company

Trade name
Phenonip

Identification of the company
The Chemistry Store

2. Composition/information on ingredients

Chemical characterization
mixture of biocidal substances

Hazardous ingredients

2-Phenoxyethanol	
Concentration :	60 - 80 %
CAS number :	122-99-6
EINECS number :	204-589-7
Hazard symbols	Xn
R phrases	22 36

3. Hazards identification

Harmful if swallowed.
Irritating to eyes.

4. First aid measures

General information

By continuous complaints consult a physician.

After inhalation

Remove the casualty into fresh air and keep him calm.

After contact with skin

In case of contact with skin wash off immediately with soap and water

After contact with eyes

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice

After ingestion

- Rinse mouth thoroughly with water.
- Summon a doctor immediately.
- Do not induce vomiting.

5. Fire-fighting measures

Suitable extinguishing media

- water spray jet alcohol-resistant foam carbon dioxide
- dry powder

Extinguishing media that must not be used for safety reasons

- Full water jet

Special hazards from the substance itself, its combustion products or from its vapours

- In case of fires, hazardous combustion gases are formed: Carbon monoxide (CO)
- Carbon dioxide (CO₂)

Special protective equipment for firefighting

- Use self-contained breathing apparatus
- Wear full protective suit.

Further information

- Cool endangered containers with water spray jet.

6. Accidental release measures

Personal precautions

- Use personal protective clothing.
- Ensure adequate ventilation.
- Avoid contact with skin and eyes.

Environmental precautions

- Do not allow entry to drains, water courses or soil
- If the product gets into drains, inform the relevant authorities immediately.

Methods for cleaning up/taking up

- Take up with absorbent material (eg sand, kieselguhr, universal binder)
- Place in suitable containers and send for recovery or disposal.

7. Handling and storage

Advice on safe handling

- Ensure good general ventilation in the workplace; local exhaust ventilation may be necessary, especially when emptying containers.

Advice on protection against fire and explosion

- Keep away from sources of ignition
- Avoid influence of heat.

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Protect from moisture.

Keep only in the original container

Advice on storage compatibility

Do not store together with oxidizing agents.

Further information on storage conditions

Store at a temperature between 5 to 40 °C

Protect from sun.

8. Exposure controls/personal protection

General protective measures

Avoid contact with eyes and skin

Do not inhale vapours

Hygiene measures

Work in an adequately ventilated room.

Remove soiled or soaked clothing immediately.

Respiratory protection :

Breathing apparatus in the event of high concentrations.

Short term: filter apparatus, Filter A/P2

Hand protection :

Chemical resistant gloves

Eye protection :

tightly fitting safety glasses

Body protection :

protective clothing

boots

9. Physical and chemical properties

Form :

Liquid

Colour :

yellowish

Odour :

weak

Decomposition point :

> 100 °C

Density :

approx. 1.12 g/cm³ (20 °C)

Solubility in water :

(20 °C)

slightly soluble

10. Stability and reactivity

Thermal decomposition :

No decomposition upto 100 °C.

Hazardous reactions

Reactions with oxidising agents.

11. Toxicological information

Acute oral toxicity : 200 - 2,000 mg/kg
Method : 1999/45/EC

Irritant effect on skin : slightly irritant

Irritant effect on eyes : irritant

Remarks

The product was classified on the basis of the calculation procedure of the Dangerous Preparations Directive (1999/45/EC).

Inhalation of vapours leads to irritation of respiratory tract and mucous membranes, headache, nausea, dizziness, vomiting

12. Ecological information

Remarks

Do not allow to enter soil, waterways or waste water

Biologically degradable, when diluted may be degraded in biological purification plants

13. Disposal considerations

Product

In accordance with regulations for special waste, must be taken to a special waste disposal site

Uncleaned packaging

Regulations concerning reuse or disposal of used packaging materials must be observed.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse

14. Transport information

ADR not restricted

ADNR not restricted

RID not restricted

IATA not restricted

IMDG not restricted

15. Regulatory information

Labelling in accordance with EC-Directives

hazard warning labelling compulsory

Hazard symbols

Xn Harmful

Hazardous component(s) to be indicated on label

2-Phenoxyethanol

R phrases

22 Harmful if swallowed.
36 Irritating to eyes.

S phrases

23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
28.2 After contact with skin, wash immediately with water and soap.
36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
46 If swallowed, seek medical advice immediately and show this container or label.
51 Use only in well-ventilated areas.

16. Other information

Text of the R-phrases which are allocated to the ingredients/components mentioned in section 2 of this Safety Data Sheet.

22 Harmful if swallowed.
36 Irritating to eyes.

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.