



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : P 13279
Product Name : PROPYLENE GLYCOL
Mnufacturer / supplier identification
Company : NICE Chemicals (P) Ltd. , Cochin , India
Tel - 0484 2800212 , 2802755
Contact For Information : Tel . No. – 0484 2802536 Fax : 0484 2802483
Emergency Telephone No. : 0484 2801583 Tele fax No. : 0484 2802483

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS-No. : 25322-69-4 EC-N0. : 235-455-6
Molar mass : 2000
Molecularformula : HO (C₅H₆O)nH

3. HAZARDS IDENTIFICATION

According to the evaluative data available, a classification according to categories of danger as specified in Directive 67/548/ EEC and laid down in the legislation of the country concerned is not required.

4. FIRST AID MEASURES

Eye and skin contact : Rinse out with water. Remove contaminated clothing.
After inhalation : Fresh air . Consult doctor if feeling unwell.
After swallowing : Make victim drink plenty of water, induce vomiting .
Summon doctor if feeling unwell.

5. FIRE – FIGHTING MEASURES

Suitable extinguishing media: Powder, foam.
Special risks: Combustible.

6. ACCIDENTAL RELEASE MEASURES

Take up with liquid-absorbent material (e.g. Chemizorb @). Forward for disposal . Clean up affected area.

7. HANDLING AND STORAGE:

Handling : No further requirements.
Storage : Store tightly closed and dry.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory protection : Required when vapours/aerosols are generated.
Eye protection : Required



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Hand protection : Required
Industrial hygiene : Change contaminated clothing. Wash hands after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES :

Form : Liquid/viscous.
Colour : Colourless
Odour : Odourless
pH value at 10g/l H₂O (20°C) : Near 5.5-7.5
Viscosity kinematic (20° C) : Near 430 mm²/s
Melting temperature : 35 °C
Boiling temperature : Not available

Ignition temperature : Not available
Flash point : >220 °C
Explosion limits lower : Not available
Upper : Not available
Relative vapour density : Not available
Density (20°C) : 1.02 g/cm³
Bulk density : Near 480 kg/m³
Solubility in water (20°C) : Almost insoluble

10. STABILITY AND REACTIVITY

Conditions to be avoided : No information available.
Substance to be avoided : Reactions which by analogy cannot be excluded Explosible with air in a vapours/ gaseous state.
Hazardous decomposition :products : No information available.

11. TOXICOLOGICAL INFORMATION

Very low acute toxicity in animal experiments.
After eye contact : Slight irritations.
After skin contact : Slight irritations .LD₅₀(oral, rat): 9760 mg/kg.

12. ECOLOGICAL INFORMATION

Biological effects: L. machrochirus LC₅₀ : 1700 mg/l /96h ;
M.beryllina LC₅₀ : 650 mg/l/96 h; S. gairdnerii LC₅₀ : > 10000 mg/l.

13. DISPOSAL METHOD

There are no uniform EC regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws & regulations . We



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recommend that you contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

Disposal in compliance with official regulations. Handle contaminated packaging as in the same way the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled

14. TRANSPORT INFORMATION

Not subject to transport regulations.

15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol : -----
R- Phrases : -----
S-phrases : -----
Water pollution class : 0 (generally non polluting substance) (own classification)

16. OTHER INFORMATION

The information contained herein is based on the present state of our knowledge. It characterises the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.