

Product Name

Phenoxyethanol (Preservative Grade)

DESCRIPTION

Chemical Name	: Phenoxyethanol
INCI Name	: Phenoxyethanol
Other names	: Ethylene Glycol Phenyl Ether, Phenyl Cellosolve
CAS Number	: 122-99-6
EINECS Number	: 204-589-7
Chemical Formula	: C ₆ H ₅ O-CH ₂ CH ₂ OH

TECHNICAL SPECIFICATIONS

Appearance/nature	: Clear, low viscous liquid
Odour	: Characteristic
Colour	
a) description	: Colourless
b) on Lovibond (5 ¼ " cell, on Y+R), maximum	: 0.5
pH (1 % aqueous solution)	: 5.5 - 7.0
Purity, % by GC, minimum	99
Moisture content, % by mass (by KF), maximum : 0.2	
Specific gravity (at 20°C)	: 1.105 - 1.110
Refractive index (at 20°C)	: 1.537 - 1.539
Free Phenol, ppm, maximum	150

Phenoxyethanol (Preservative Grade)



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PROPERTIES

Initial Boiling point @ 1013 hPa, °C	: 244.3
Freezing point, °C	: 14
Vapour pressure @ 20°C, mm Hg, maximum	: 0.01
Flash point, °C	: 126
Solubility in water, g/l @ 20° C	: 24
Solubility in solvents	: Soluble in alcohol and ether

APPLICATIONS

Phenoxyethanol (Preservative Grade) is used for a wide range of applications including:

- As a preservative in personal care formulations
- As a latex coalescent in water-based architectural and industrial coatings
- As a solvent and plasticizer for Nitrocellulose, Cellulose Acetate, Ethyl Cellulose and many vinyl, phenolic, alkyd and ester-type resins in water-based coatings
- As a solvent in printing inks
- As an emulsifier to help lower interfacial tension in oil-water emulsions
- As an ingredient in slurring compounds used to protect metals against corrosion
- As an intermediate for bactericidal agents
- As an additive in paint industry
- As a perfume fixative

PACKING

Phenoxyethanol (Preservative Grade) is available in 250 kg HMHDPE carboys and 1000kg IBC. Total of 80 carboys i.e. 20 MT palletized and 18 MT in IBC can be shipped in 20 ft. full container load. **Phenoxyethanol**



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(Preservative Grade) is also available in HMHDPE carboys of 25 and 35 kg capacities. It can also be shipped in ISO containers with capacity of 24 MT.

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HANDLING AND STORAGE

Store the material away from direct sunlight, heat and any source of ignition. Keep containerstightly closed. Store the material at around 30°C. In original sealed containers, the product can be stored for at least 2.5 years. Spills should be collected and disposed off according to the local regulations and the area may be cleaned by flushing with sufficient amount of water. Avoid ingestion and contact with skin, eyes and clothing. In case of contact with eyes and skin, seek adequate and timely medical attention. On prolonged storage, the product may solidify at low temperatures (below 14°C). To bring back the material to its original state, warm the carboys to around 50°C (avoiding direct heating) for 3-4 hours. Stacking should be maximum 1+1 carboys.

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Version : 05
Date of issue : 24.01.2012

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