



Neutron[®]Pharmaceutical Co.

Manufacturer of Laboratory Chemical & Pharmaceutical Materials

Safety Data Sheet
(Ethylhexylglycerin/Phenoxyethanol Mixture)
DATE PREPARED: 6/21/2019

Section 1. Product and Company Identification

Product Name Ethylhexylglycerin/Phenoxyethanol Mixture
CAS Number Mixture
Product Code 6.3050

NEUTRON PHARMACHEMICAL CO

11, 3th Floor, Borjsaz Building, Azadi Ave, Tehran, Iran.

 T-021-66906732-3

 F-021-66581408

 www.neutronco.com

 info@neutronco.com

Section 2. Hazards Identification

Classification of the substance or mixture

Acute Toxicity: Oral Acute Tox. 4

Eye Irrit: 2

GHS Label Elements

Pictograms:



Signal word: WARNING

Hazard and precautionary statements

Hazard statements

H302 Harmful if swallowed

H319 Causes serious eye irritation

Precautionary statement(s)

P270: Do not eat, drink or smoke when using this product

P280: Wear eye protection, protective gloves, protective clothing

P301+P312: If swallowed, call a doctor if you feel unwell

P305+P351+P338: If in eyes, Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P330: If swallowed, rinse mouth

P337+P313 :If eye irritation persists: Get medical advice/attention

Section 3. Composition / Information on Ingredients

Common Name Ethylhexylglycerin/Phenoxyethanol Mixture
Synonym(s)
Formula
CAS Number Mixture

COMPONENT	CAS NUMBER	CONCENTRATION
2-Phenoxyethanol	122-99-6	< 90%
Ethylhexylglycerin	70445-33-9	< 10%

Section 4. First Aid Measures

General: If exposed or concerned: Get medical advice/attention.
Inhalation: Remove to fresh air. If breathing has ceased give artificial respiration. Obtain immediate medical attention.
Skin contact: Remove contaminated clothing and wash affected area with soap and water immediately. Obtain immediate medical attention.
Eye contact: Remove contact lenses, if worn and rinse open eye with at least 15 minutes under running water and apply sterile protective bandage. Obtain medical attention immediately.
Ingestion: Never give anything. Wash out mouth with water and give 200-300ml of water to drink. Do not induce vomiting. Obtain medical attention if symptoms develop.
Most important symptoms and effects, both acute and delayed: Irritation, coughing, headache, nausea, dizziness, vomiting, breathing difficulty.

Section 5. Firefighting Measures

Extinguishing media: Extinguish with alcohol resistant foam, carbon dioxide, dry chemical or water spray.
Special hazards arising from the substance or mixture: Produces harmful vapors. Evacuate area if there are audible sounds from venting drums.

Section 6. Accidental Release Measures
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Personal precautions, protective equipment and emergency procedures: Avoid breathing vapors, mist or gas. Evacuate personnel to safe areas.
Environmental precautions: Be careful to ensure that the product doesn't enter drains or surface waters. Avoid subsoil penetration.
Methods and material for containment and cleaning up: Wipe with absorbent material / Contain by Using sand/silica gel/sawdust (inert absorbent material). Disposal of waste in accordance with all applicable federal, state and local laws.



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Section 7. Handling and Storage

Precautions for safe handling: Avoid contact with skin and eyes. Avoid inhalation of vapors or mists. Do not ingest. Normal measures for preventive fire protection. Provide appropriate exhaust ventilation.

Conditions for safe storage: Store according to local legislation. Store in plastic lined containers. Observe indication on the label. Store in cool place. Keep far away from ignition points.

Incompatible materials: Strong oxidizing agents. Strong bases. Aluminum, Copper, Zinc, Galvanized Iron.

Other information: Take precautions against static discharges

Section 8. Exposure Controls / Personal Protection

Control parameters: Appropriate engineering controls: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Eye/face protection: Use equipment for eye protection - Safety spectacles/goggles. Minimum standard EN166

Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Minimum standard EN374-3. Apron or other light protective clothing

Respiratory protection: Wear suitable respiratory protective equipment if processing involves working in areas where aerosols, mists or dusts are likely to be evolved. Full/ half/Quarter face masks (EN 136/140/141) with Type A filter.

Control of environmental exposure: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Section 9. Physical and Chemical Properties

Appearance: Clear, colorless liquid

Odor: Characteristic

Density at 25°C: 1.05 - 1.15g/mL

pH value: Not available

Melting point / Freezing point: -5°C

Boiling point/boiling range: > 245°C

Flash point (open cup): 121°C

Evaporation rate (Butyl acetate=1): Not available

Explosive limit ranges: Not applicable.

Vapor pressure: 0.02 hPa at 25°C

Vapor density (air=1): 4.8

Solubility (water) @ 20°C: Slightly soluble (~5%)

Solubility (other): Miscible with alcohols and glycols

Partition coefficient (n-Octanol/water): Log Pow:1.2

Auto ignition temperature: 475°C
Decomposition temperature: >200°C
Viscosity (mPa.s): ~28mPa.s @ 20°C
Explosive properties: Not explosive
Oxidizing properties: Not oxidizing

Section 10. Stability and Reactivity

Reactivity: Alcohol reactions
Chemical stability: Product is stable.
Possibility of hazardous reactions: May form peroxides in contact with air or oxygen
Conditions to avoid: Temperatures above 40°C
Incompatible materials: Strong oxidizing agents. Strong bases. Aluminum, Copper, Zinc, Galvanized Iron.
Hazardous decomposition products: Peroxides

Section 11. Toxicological Information

Acute toxicity
LD50 oral: >1300mg/kg (rat) (Calculated value for the mixture)
LD50 dermal (rat): >8800mg/kg(rat) (Calculated value for the mixture)
Skin corrosion/Irritation (rabbit): Non-irritant
Serious eye damage/eye: irritation
(neat solution) (rabbit): Irritant
Respiratory or skin sensitization (guinea pig): Not sensitizing
Reproductive toxicity: No evidence of reproductive toxicity
Specific target organ toxicity - single exposure
Inhalation: Irritation of the respiratory tract. Coughing
Ingestion: May cause irritation of the gastrointestinal tract Headache, dizziness, nausea, vomiting
Specific target organ toxicity - repeated exposure: No data available
Other Information: Local anesthetic effect on the lips, tongue and mucous membranes

Section 12. Ecological Information

Toxicity: No data available
Persistence and degradability: Biodegradable
Bioaccumulative potential: Not established.
Mobility in soil: This product is predicted to have very high mobility in soil.
Results of PBT and vPvB assessment: Not established.
Other adverse effects: Avoid release to the environment.

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance

with all local, state, and federal environmental control regulations.

Section 14. Transport Information

Transport (ADR/RID/ IMDG/ IATA): Not classified as dangerous goods according to the United Nations recommendations / transport regulations

Transport in bulk according to Annex II of MARPOL73/78 and the IBC code: Not regulated for transport.

Section 15. Regulatory Information

**Classification in accordance with UN GHS/EU Regulation EC 1272/2008
Safety, health and environmental regulations/legislation specific for the substance or mixture:** This safety datasheet complies with the requirements of Regulation (EC) No. 76/768/EEC Regulations 2008

Chemical safety assessment: For this product a chemical safety assessment was not carried out

Hazard statement code(s)

H302 Harmful if swallowed

H319 Causes serious eye irritation

Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

REVISION DATE: 6/21/2019