

SAFETY DATA SHEET

PHENOXYETHANOL AND ETHYLHEXYLGLYCERIN

1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Phenoxyethanol and Ethylhexylglycerin

Company: Natural Bulk Supplies, 318 Half Day Rd, # 348,
Buffalo Grove, IL 60089 Phone: 847-489-7180

Emergency Contact: Infotrac: 800-535-5053(North America) +1-352-323-3500 (International)

2. HAZARD IDENTIFICATION

Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards

Not Classified.

Human health

Acute Tox. 4 – H302; Eye Dam. 1 – H318

Environment

Not classified.

Classification (1999/45/EEC)

Xn;R22. Xi;R41

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Label elements

Contains

PHENOXYETHANOL

Label in Accordance with (EC) No. 1272/2008



Signal Word

Danger

Hazard Statements

H302 Harmful if swallowed.

H318 Causes serious eye damage.

Precautionary Statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501 Dispose of contents/container in accordance with local regulations.

P501 Dispose of contents/container in accordance with national regulations.

Supplementary Precautionary Statements

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

P264 Wash contaminated skin thoroughly after handling.

P301+312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P310 Immediately call a POISON CENTER or doctor/physician.

P330 Rinse mouth.

3. COMPOSITION/INFORMATION ON INGREDIENTS

ETHYLHEXYLGLYCERIN

CAS-No.: EC No.:

Classification (EC 1272/2008)

Classification (67/548/EEC)

Acute Tox. 4 – H332

Xn;R20.

Eye Dam. 1 – H318

Xi;R41.

Aquatic Chronic 3 – H412

R52/53

PHENOXYETHANOL

CAS-No.:

EC No.: 204-589-7

Classification (EC 1272/2008)

Acute Tox. 4 – H302

Eye Irrit. 2 – H319

Classification (67/548/EEC)

Xn;R22

Xi;R36

4. FIRST AID MEASURES

Description of first aid measures

General information

Remove affected person from source of contamination. Perform artificial respiration if breathing has stopped

Inhalation

Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion

If necessary, rinse mouth and provide fresh air. Get medical attention if any discomfort continues.

Skin contact

If necessary remove contaminated clothing and wash skin with soap and water. Get medical attention if any discomfort continues.

Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

Most important symptoms and effects, both acute and delayed

Indication of any immediate medical attention and special treatment needed

No specific first aid measures noted.

5. FIRE FIGHTING MEASURES

Extinguishing media

Extinguishing media

Fire can be extinguished using: Foam, carbon dioxide or dry powder.

Special hazards arising from the substance or mixture

Unusual Fire & Explosive Hazards

No unusual fire or explosion hazards noted.

Specific hazards

When heated and in case of fire, toxic vapours/gases may be formed.

Advice for firefighters

Special Fire Fighting Procedures

Containers close to fire should be removed or cooled with water.

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use protective gloves, goggles suitable protective clothing. In case of spills, beware of slippery floors and surfaces.

Environmental precautions

Do not discharge into drains, water courses or onto the ground.

Methods and material for containment and cleaning up

Absorb with inert, damp, non-combustible material, then flush area with water. Shovel into dry containers. Cover and move the containers. Flush the area with water.

Reference to other sections

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid spilling, skin and eye contact. Ensure adequate ventilation of the working area. Adopt best manual handling considerations when handling, carrying and dispensing.

Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight. Storage Class Unspecified storage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls

Protective equipment



Engineering measures

Provide adequate ventilation.

Respiratory equipment

No specific recommendation made, but respiratory protective may still be required under exceptional circumstances when excessive air contamination exists.

Hand protection

Protective gloves should be used if there is a risk of direct contact or splash.

Eye protection

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

Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

Skin protection

War apron or protective clothing in case of splashes

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Clear Mobile Liquid
Color	Colorless
Odor	Characteristic.
Relative density	1.087 – 1.092 @ 20°C

Other information

Refractive Index	1.522 – 1.534 @ 20°C
------------------	----------------------

10. STABILITY AND REACTIVITY

Reactivity

Chemical Stability

Stable under normal temperature conditions.

Possibility of hazardous reactions

Hazardous Polymerisation

Will not polymerise.

Conditions to avoid

Avoid heat, flames and other sources of ignition.

Incompatible materials

Materials To Avoid

Strong oxidizing substances. Strong acids. Strong alkalis.

Hazardous decomposition products

In case of fire, toxic gases (CO, CO₂, NO_x) may be formed.

11. TOXICOLOGICAL INFORMATION

General information

No specific health warnings noted.

Inhalation

In high concentrations, vapours may irritate throat and respiratory system and cause coughing.

Ingestion

No specific health warnings noted. No harmful effects expected in amounts likely to be ingested by accident.

Skin contact

No specific health warnings noted.

Eye contact

Spray and vapour in the eyes may cause irritation and smarting.

Health Warnings

No specific health warnings noted.

Medical Symptoms

No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

Medical Considerations

Persons with rash are directed to skin expert for examination of allergic eczema.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Refer to section-2

Toxicity

Persistence and degradability

Bioaccumulative potential

Mobility in soil

Results of PBT and vPvB assessment

Other adverse effects

13. DISPOSAL CONSIDERATIONS

General information

Waste is suitable for incineration.

Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

UN number

UN proper shipping name

Transport hazard class(es)

Packing group

Environmental hazards

Special precautions for user

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Statutory Instruments

The Chemicals (Hazard Information and packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40.

EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999-45-EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94



as well as Council Directive 76/769/EEC and Commission Directive 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

16. OTHER INFORMATION

All statements, technical information and recommendations contained herein are based on tests and data which Natural Bulk Supplies believes to be currently reliable, but this accuracy or completeness thereof is not guaranteed and no warranty of any kind is made with respect thereto. This information is not intended as a license to operate under or a recommendation to practice or infringe any patent of this company or others covering any process, composition of matter or use. Since we shall have no control of the use of the product described here in, we assume no Liability for loss or damage incurred from the proper or improper use of such product.

Note: The information contained within this document was prepared by technical personnel and is believed to be true and accurate to the best of our knowledge. However, no warranty, express or implied, is provided regarding merchantability, fitness for a particular purpose, performance, safety, suitability, stability, or other aspects of the product. This information is not comprehensive and does not cover all potential conditions of use, handling, storage, disposal, or other factors that may involve legal, environmental, safety, or performance considerations. Natural Bulk Supplies accepts no liability for the use of or reliance upon this information. Our technical personnel are available to address inquiries, but the customer bears ultimate responsibility for the safe handling and use of the product. No suggestions for use are made that would encourage the infringement of existing patents or the violation of any Federal, State, local, or foreign laws.