



Section 1. Product and Company Identification

Product Name Evernox 1135
CAS Number 125643-61-0

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Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture

The substance is not classified according to the Globally Harmonized System (GHS).

Hazards Classification: Chronic aquatic toxicity, Category 4

Ingredient Disclosure: None

Symbols: None

Warning Signs: None

Hazardous Warning Information

R53 :May cause long-term adverse effects in the aquatic environment.

Hazards Prevention Procedures

S61: Avoid release to the environment. Refer to special instructions /Safety data sheets.

Other Hazards: None

Section 3. Composition / Information on Ingredients

Common Name Evernox 1135
Synonym(s) Benzenepropanoic acid, 3,5-bis(1,1-dimethyl-ethyl)-4-hydroxy-,C7-C9-
branched alkyl esters
CAS Number 125643-61-0

COMPONENT	CAS NUMBER	CONCENTRATION
Evernox 1135	125643-61-0	≥ 98%

Section 4. First Aid Measures

Skin Contact: Wash off with soap and plenty of water. Do not use organic solvents.

Eye Contact: Rinse immediately with plenty of water for at least 15 minutes. In case of eye irritation, seek medical attention.

Inhalation: Move to fresh air. In case of irritation of respiratory system or mucous membranes, seek medical attention. In case of indisposition, seek medical attention. In case of prolonged exposure, seek medical attention.



Ingestion: Immediately give plenty (> 500 ml) of water (if possible, charcoal slurry). In case of spontaneous vomiting be sure that vomitus can freely drain due of danger of suffocation. Give water repeatedly. Artificial induction of vomiting should be restricted to first aid staff. Give nothing by mouth in cases of unconsciousness or convulsion. Seek medical advice.

Section 5. Firefighting Measures

Suitable Extinguishing Media: Water spray; Carbon dioxide (CO₂); Foam; Dry powder
Extinguishing Media which must not be used for Safety Reasons: High volume water jet
Exposure Hazards: Contaminated water from fire hoses or sprinklers, etc., must be prevented from draining into watercourses, sewers, or the ground water. Sufficient measures must be taken to retain water used for extinguishing. Contaminated water and soil must be disposed of in conformity with local regulations.
Special Protective Equipment for Firefighters: Wear full protective clothing. Wear self-contained breathing apparatus.
Hazardous Decomposition Products: Oxides of carbon; Oxides of nitrogen (NO_x); Toxic gases/vapors

Section 6. Accidental Release Measures

Personal Precautions: Avoid contact with skin, eyes and clothing.
Environmental Precautions: Do not flush into surface water, sanitary sewer or ground water system.
Methods for Cleaning Up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Collect the spilled product into suitable containers, which must be tightly sealed and properly labeled.

Section 7. Handling and Storage

Handling: Dangerous for the environment. Handle and open container with care. Avoid vapor formation and ignition sources. Ensure good local exhaust ventilation. Do not eat, drink or smoke at the workplace.
Storage: Keep away from food and drink. Store in the original container securely closed. This product can form an ignitable vapor/air mixture. Take precautionary measures against static discharges, e.g. by using proper earthing techniques.
Protect from light. Close containers immediately after use.

Section 8. Exposure Controls / Personal Protection

Exposure Limit(s): CIEL-TWA internal exposure limit (8 hour time weighted average)
Value: Not tested
Technical Measures/Precautions: No special precaution required.
Respiratory Protection: In case of insufficient ventilation wear suitable respiratory equipment.
Hand Protection: Protective gloves.
Eye Protection: Suitable goggles or face protection.

Skin and Body Protection: Working clothes, closed footwear.

Section 9. Physical and Chemical Properties

Physical State: Liquid

Appearance: Colorless to slightly yellow liquid

Odor: Not specified

pH: 6.5 for a 1% suspension in water

Auto-Ignition Temperature: 365°C

Vapor Pressure: 1.5×10^{-3} mm Hg (25°C)

Density: 0.95-1.00 g/cm³

Octanol/Water Partitioning Coefficient (log Pow): 9.2

Melting/Freezing Point: < -6°C

Boiling Point: > 200°C

Flash Point: 210°C

Explosion Limits: Not explosive

Evaporation Rate: Not tested

Vapor Density: Not tested

Solubility in Water: < 0.01 % w/w (20°C)

Solubility Mineral Oils >5%

Viscosity (Dynamic) 300 - 500 cSt (at 25°C); 95 - 150 cSt (at 40°C)

Section 10. Stability and Reactivity

Decomposition Temperature: > 350°C

Conditions to Avoid: No special conditions.

Materials to Avoid: Strong acids, strong bases and strong oxidizing agents.

Hazardous Decomposition Products: Oxides of carbon, toxic

Section 11. Toxicological Information

Acute Toxicity

Oral: LD50 > 2000 mg/kg (Rat)

Dermal: LD50 > 2000 mg/kg (Rat)

Eye: Not irritant (Rabbit)

Skin: Not sensitizing (Guinea pig)

Remark: According to experience, the product is considered to be harmless to health if used in the correct manner.



Section 12. Ecological Information

Acute Toxicity

To Fish: LC50 > 74 mg/L (Zebra fish, 96 hours)

To Daphnia: EC50 > 100 mg/L (Daphnia magna, 24 hours)

To Bacteria: IC50 > 100 mg/L (Sewage sludge, 3 hours)

To Algae: EC50 > 3 mg/L (Scenedesmus sp., 72 hours)

Biodegradability (OECD 301B): 28 d - 5%, Not readily biodegradable

Bioaccumulation: Japanese (MITI) bioaccumulation study: Not bioaccumulative at test concentrations of 1.0 and 0.094 ppm.

Ecotoxic Effects: Not discharge into 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

Land Transport (ADR): Not restricted

Land Transport (RID): Not restricted

Land Transport (TDG): Not restricted

Sea Transport (IMDG): Not restricted

Air Transport (IATA/ICAO): Not restricted

Section 15. Regulatory Information

Labeling

Symbol and Indication of Danger: None

Risk Phrases: R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Safety Phrases: S61 Avoid release to the environment. Refer to special instructions /Safety data sheets.

Federal Regulations

OSHA Hazardous Substance: This material is classified as not hazardous under OSHA regulations.

Clean Air Act

1. Volatile Organic Compounds (VOC): None

2. Ozone Depleting Substances (ODS): None

Clean Water Act - Priority Pollutants (PP): None contain any priority pollutants.

RARA STATUS: Not a hazard waste under RCRA (40 CFR 261).

SARA Section 302 Extremely Hazardous Substances (EHS): This product does not contain any components as Extremely Hazardous Substances.



CERCLA Hazardous Substances: Not a hazardous substance under CERCLA (40 CFR 302.4)

SARA STATUS

1. Section 311/312 Hazard Category: Not reportable

2. Section 313 Toxic Chemical List: Not reportable

TSCA Status: All components either exempt or listed.

Domestic Substance List (DSL) Status: All components either exempt or listed.

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.

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