



Section 1. Product and Company Identification

Product Name Behenyl Erucate
CAS Number 18312-32-8

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Section 2. Hazards Identification

Classification of the substance or mixture: Not classified as a hazardous substance or mixture according to OSHA Hazard Communication Standard 1910.1200.

Potential Health Effects: There are no potential health effects expected from handling this material. Good manufacturing practices are always recommended when handling any chemical. A knowledge of the available toxicology information and of the physical and chemical properties of the material suggests that overexposure is unlikely to aggravate existing medical conditions. This material is registered with TSCA. Exposure to small quantities is not expected to cause adverse health effects. There are no significant laboratory data to suggest any specific hazard to humans.

Inhalation: Short-term harmful health effects are not expected from vapor-generated at ambient temperatures.

Eye Contact: May cause some moderate eye irritation.

Skin Contact: May cause some irritation or discomfort.

Ingestion: May cause abdominal discomfort, nausea, vomiting and diarrhea.

Carcinogenicity: IARC, NTP, and OSHA do not list this product as a carcinogen.

HMIS Rating

Health: 1

Flammability: 1

Reactivity: 0

Personal Protection: B

Section 3. Composition / Information on Ingredients

Common Name Behenyl Erucate
CAS Number 18312-32-8

COMPONENT	CAS NUMBER	CONCENTRATION
Behenyl Erucate	18312-32-8	100% wt.



Section 4. First Aid Measures

Inhalation: Short-term harmful health effects are not expected from vapor-generated at ambient temperatures. If first aid is required, move victim to fresh air.

Eye Contact: May cause some moderate eye irritation. Flush immediately with water for 15 to 20 minutes. Obtain medical attention if severe irritation occurs.

Skin Contact: May cause some irritation or discomfort. Remove contaminated clothing. Wash affected area with soap & water.

Ingestion: May cause abdominal discomfort, nausea, vomiting and diarrhea. Give two glasses of water. Do not induce vomiting. Obtain medical attention.

After first aid, get appropriate in-plant, paramedic, or community medical support.

Section 5. Firefighting Measures

Flash Point: > 175°C

Flash Point Method: COC

Extinguishing Media: Use water spray, carbon dioxide, alcohol type or universal type foam applied in accordance with the manufacturer's instructions.

Firefighting Instructions: Do not release runoff from fire control methods to sewers or waterways. Treat as an oil fire.

Firefighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

NFPA Rating

Health: 1

Flammability: 1

Reactivity: 0

Section 6. Accidental Release Measures

Safeguards (Personnel): Review Fire and Explosion Data and Handling sections before proceeding with clean up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up.

Spill /Leak Procedures: Collect for disposal in accordance with applicable Federal, State, or local regulations.

Containment: For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Section 7. Handling and Storage

Handling Precautions: (Personnel) Safety glasses, PVC gloves, and vapor respirator.

Storage Requirements: Keep container tightly closed.



Section 8. Exposure Controls / Personal Protection

Engineering Controls: No special engineering controls are required under normal use.

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec.2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Administrative Controls

Respiratory Protection: Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear an MSHA/NIOSH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. For emergency or non-routine operations (cleaning spills, reactor vessels, or storage tanks), wear a SCBA.

Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres. If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

Protective Clothing/Equipment: Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are **not** eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9. Physical and Chemical Properties

Physical State: Solid

Appearance and Odor: Off-white waxy, mild odor

Vapor Pressure (20°C): < 0.1 mmHg

Vapor Density (Air=1): N/D

Density: N/A

Specific Gravity (H₂O=1, 25°C): 0.88

pH: N/A

Water Solubility: Insoluble

Boiling Point: > 200°C

Freezing/Melting Point: 44 - 48°C

Viscosity: Solid



Refractive Index: N/D
%Volatile: Nil
Evaporation Rate: N/A

Section 10. Stability and Reactivity

Stability: Product is stable at room temperature in closed containers under normal storage and handling conditions.

Chemical Incompatibilities: Strong acids, alkalis and oxidizers.

Hazardous Thermal Decomposition Products: Oxides of Carbon.

Hazardous Polymerization: Will not occur.

Section 11. Toxicological Information

A knowledge of the available toxicology information and of the chemical properties of the material suggests that overexposure is unlikely to aggravate existing medical conditions.

Section 12. Ecological Information

No information available.

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

DOT Transportation Data (49 CFR 172.101)

DOT Proper Shipping Name: Not Regulated

DOT Classification: N/A

DOT I.D. #: N/A

UN Hazard Class: N/A

Section 15. Regulatory Information

TSCA Inventory Status: Not Listed

European Inventory of Existing Chemical Substances (EINECS): This product is listed on the EINECS inventory of Europe.

Registration # 242-201-8



EPA Regulations

SARA 311/312 Codes

Acute: None

Chronic: None

Fire: None

Reactivity: None

Pressure: None

State Regulations: None

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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