

Section 1 - Chemical Product and Company Identification

MSDS Name: 1-Phenyl-1-propanol, 99%
Catalog Numbers: AC150030000, AC150030500, AC150032500
Synonyms: alpha-Ethylbenzyl alcohol; Benzyl alcohol, alpha-ethyl-; Benzenemethanol, alpha-ethyl-; alpha-Ethylbenzenemethanol; alpha-Ethylbenzyl alcohol; Ethyl phenyl carbinol; alpha-Hydroxypropylbenzene; Phenylaethylcarbinol; Phenylcholon; 1-Phenylpropanol; 1-Phenylpropyl alcohol

Company Identification: Acros Organics BVBA
Janssen Pharmaceuticaaan 3a
2440 Geel, Belgium

Company Identification: (USA) Acros Organics
One Reagent Lane
Fair Lawn, NJ 07410

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Emergency Number US: 201-796-7100
CHEMTREC Phone Number, US: 800-424-9300
CHEMTREC Phone Number, Europe: 703-527-3887

Section 2 - Composition, Information on Ingredients

CAS#: 93-54-9
Chemical Name: 1-Phenyl-1-propanol
%: 99
EINECS#: 202-256-0

Hazard Symbols: XN



Risk Phrases: 22

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Warning! Combustible liquid and vapor. May cause central nervous system depression. Harmful if swallowed. Target Organs: Central nervous system.

Potential Health Effects

Eye: May cause eye irritation. May cause chemical conjunctivitis and corneal damage.
Skin: May be harmful if absorbed through the skin. May cause irritation and dermatitis. May cause cyanosis of the extremities.
Ingestion: Harmful if swallowed. May cause gastrointestinal irritation with nausea, vomiting and diarrhea.
Inhalation: May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated. Aspiration may lead to pulmonary edema. May be harmful if inhaled. Inhalation at high concentrations may cause CNS depression and asphyxiation.

Chronic: No information found.

Section 4 - First Aid Measures

- Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
- Skin:** Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.
- Ingestion:** Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.
- Inhalation:** Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician:

Section 5 - Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use water spray to keep fire-exposed containers cool. Combustible liquid. Vapors may be heavier than air. They can spread along the ground and collect in low or confined areas. Containers may explode when heated.

Extinguishing Media: Use water spray to cool fire-exposed containers. This material is lighter than water and insoluble in water. The fire could easily be spread by the use of water in an area where the water cannot be contained. Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Autoignition: Not applicable.

Temperature:

Flash Point: 90 deg C (194.00 deg F)

Explosion: Not available

Limits: Lower:

Explosion: Not available

Limits: Upper:

NFPA Rating: health: 2; flammability: 2; instability: 0;

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Clean up spills immediately, observing precautions in the Protective Equipment section. Cover with sand, dry lime or soda ash and place in a closed container for disposal. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation.

Section 7 - Handling and Storage

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use only in a well-ventilated area. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Keep away from heat, sparks and flame. Avoid ingestion and inhalation. Use only in a chemical fume hood. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Do not breathe vapor.

Storage: Keep away from heat, sparks, and flame. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local explosion-proof ventilation to keep airborne levels to acceptable levels.

Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
1-Phenyl-1-propanol	none listed	none listed	none listed

OSHA Vacated PELs: 1-Phenyl-1-propanol: None listed

Personal Protective Equipment

- Eyes:** Wear chemical splash goggles.
- Skin:** Wear appropriate protective gloves to prevent skin exposure.
- Clothing:** Wear appropriate protective clothing to prevent skin exposure.
- Respirators:** A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

Section 9 - Physical and Chemical Properties

- Physical State:** Clear liquid
- Color:** clear, colorless
- Odor:** None reported.
- pH:** Not available
- Vapor Pressure:** Not available
- Vapor Density:** 4.69
- Evaporation Rate:** Not available
- Viscosity:** Not available
- Boiling Point:** 219 deg C @ 760.00mmHg (426.20°F)
- Freezing/Melting Point:** Not available
- Decomposition Temperature:** Not available
- Solubility in water:** immiscible
- Specific Gravity/Density:** .990g/cm3
- Molecular Formula:** C9H12O
- Molecular Weight:** 136.19

Section 10 - Stability and Reactivity

- Chemical Stability:** Stable under normal temperatures and pressures.
- Conditions to Avoid:** Incompatible materials, ignition sources, excess heat, strong oxidants.
- Incompatibilities with Other Materials:** Oxidizing agents, acids, acid chlorides, acid anhydrides.
- Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, acid smoke and fumes.
- Hazardous Polymerization:** Will not occur.

Section 11 - Toxicological Information

- RTECS#:** CAS# 93-54-9: DO5470000
- LD50/LC50:** RTECS:
CAS# 93-54-9: Oral, mouse: LD50 = 500 mg/kg;
 Oral, rat: LD50 = 1500 mg/kg;

Carcinogenicity: 1-Phenyl-1-propanol - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Other: The toxicological properties have not been fully investigated.

Section 12 - Ecological Information

Other: No information available.

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information

US DOT

Shipping Name: Not Regulated.

Hazard Class:

UN Number:

Packing Group:

Canada TDG

Shipping Name: Not available

Hazard Class:

UN Number:

Packing Group:

Section 15 - Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: XN

Risk Phrases:

R 22 Harmful if swallowed.

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 93-54-9: Not available

Canada

CAS# 93-54-9 is listed on Canada's DSL List

Canadian WHMIS Classifications: D1B

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

CAS# 93-54-9 is not listed on Canada's Ingredient Disclosure List.

US Federal

TSCA

CAS# 93-54-9 is not listed on the TSCA Inventory. It is for research and development use only.

Section 16 - Other Information

MSDS Creation Date: 9/02/1997

Revision #7 Date 8/03/2006

Revisions were made in Sections: 2, 3, 8, 9, 10, 11, 14, 15, 16

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