

FLINN SCIENTIFIC INC.

"Your Safer Source for Science Supplies"

Material Safety Data Sheet (MSDS)

MSDS #: 110.00

Revision Date: March 14, 2001

Section 1 — Chemical Product and Company Identification

Benzyl Alcohol

Flinn Scientific, Inc. P.O. Box 219 Batavia, IL 60510 (800) 452-1261

CHEMTREC Emergency Phone Number: (800) 424-9300

Section 2 — Composition, Information on Ingredients

Benzyl Alcohol

Synonym: phenyl carbinol, hydroxy toluene

CAS#: 100-51-6

Section 3 — Hazards Identification

Clear liquid, slight floral odor.

Slightly toxic by ingestion and inhalation. Irritant, avoid all body tissue contact.

Combustible liquid.

FLINN AT-A-GLANCE

Health-1

Flammability-1

Reactivity-1

Exposure-1

Storage-2

0 is low hazard, 3 is high hazard

Section 4 — First Aid Measures

Call a physician, seek medical attention for further treatment, observation and support after first aid.

Inhalation: Remove to fresh air at once. If breathing has stopped give artificial respiration immediately.

Eye: Immediately flush with fresh water for 15 minutes.

External: Wash continuously with fresh water for 15 minutes.

Internal: Give large quantities of water. Call a physician or poison control at once.

Section 5 — Fire Fighting Measures

Combustible liquid.

When heated to decomposition, it emits acrid smoke and fumes.

Flash Point: 213 F Autoignition Temperature: 816 F

Fire Fighting Instructions: Use triclass, dry chemical fire extinguisher. Firefighters should wear PPE and SCBA with full facepiece operated in positive pressure mode.

NFPA CODE

H-2

F-1

R-0

Section 6 — Accidental Release Measures

Restrict unprotected personnel from area. Remove all ignition sources and ventilate area. Contain spill with sand and absorbent material; deposit in sealed bag or container. See Sections 8 and 13 for further information.

Section 7 — Handling and Storage

Flinn Suggested Chemical Storage Pattern: Organic #2. Store with alcohols, glycols, amines and amides.

Store in a cool dry place. Store in a Flinn Chem-Saf can.

Section 8 — Exposure Controls, Personal Protection

Avoid contact with eyes, skin and clothing. Wear chemical splash goggles, chemical-resistant gloves and chemical-resistant apron.

Use exhaust ventilation to keep airborne concentrations low.

Section 9 — Physical and Chemical Properties

Clear liquid; slight floral odor.

Solubility: Slightly soluble in water (4%).

Formula: C₆H₅CH₂OH

Formula Weight: 108.15

Specific Gravity: 1.05

Boiling Point: 202 C

Flash Point: 200 F.

Section 10 — Stability and Reactivity

Exposure to heat may build pressure in closed container. Avoid contact with acid, chlorides, acid anhydrides, oxidizing agents and plastics.

Shelf life: Good, if stored safely.

Section 11 — Toxicological Information

Acute effects: Irritant

Chronic effects: N.A.

Target organs: Central nervous system

ORL-RAT LD50: 1230 mg/kg

IHL-RAT LC50: N.A.

SKN-RBT LD50: 2 gm/kg

N.A. = Not available, not all health aspects of this substance have been fully investigated.

Section 12 — Ecological Information

Data not yet available.

Section 13 — Disposal Considerations

Please consult with state and local regulations.

Flinn Suggested Disposal Method 18b is one option.

Section 14 — Transport Information

Shipping Name: Not regulated

Hazard Class: N/A

UN Number: N/A

N/A = Not applicable

Section 15 — Regulatory Information

TSCA-listed, EINECS-listed (202-859-9).

Section 16 — Other Information

Consult your copy of the Flinn Scientific Catalog/Reference Manual for additional information about laboratory chemicals.

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