

FLINN SCIENTIFIC, INC.

Safety Data Sheet (SDS)

SDS #: 110.00

Revision Date: March 21, 2014

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

Signal Word **WARNING**

Pictograms



SECTION 2 — HAZARDS IDENTIFICATION

Hazard class: Acute toxicity, oral, dermal, and inhalation (Category 4). Harmful if swallowed, inhaled or in contact with skin (H302+H312+H332). Do not eat, drink or smoke when using this product (P270). Avoid breathing mist, vapors or spray (P261).

Hazard class: Skin corrosion or irritation (Category 2). Causes skin irritation (H315).

SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS

Component Name	CAS Number	Formula	Formula Weight	Concentration
Benzyl alcohol	100-51-6	C ₆ H ₅ CH ₂ OH	108.14	
Synonyms: Phenyl carbinol; Hydroxy toluene				

SECTION 4 — FIRST AID MEASURES

Call a POISON CENTER or physician if you feel unwell (P312). **If inhaled:** Remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P340). **If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. **If on skin:** Wash with plenty of water (P302+P352). **If skin irritation occurs:** Get medical advice or attention (P332+P313). Wash contaminated clothing before reuse (P363). **If swallowed:** Rinse mouth. Call a POISON CENTER or physician if you feel unwell (P302+P301+P312).

SECTION 5 — FIRE FIGHTING MEASURES

Class IIIB combustible liquid.

Flash point: 93 °C Autoignition Temperature: 436 °C

When heated to decomposition, may emit toxic fumes.

In case of fire: Use a tri-class dry chemical fire extinguisher.

NFPA CODE

H-1

F-1

R-0

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Remove all ignition sources and ventilate area. Contain the spill with sand or other inert absorbent material and 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 Flinn Chem-SafTM can. Use only in a hood or well-ventilated area (P271).

SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Wear protective gloves, protective clothing, and eye protection (P280). Wash hands thoroughly after handling (P264). Use only in a hood or well-ventilated area (P271).

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Clear liquid. Slight floral odor.

Soluble: Slightly in water. Miscible with alcohol, ether, and chloroform.

Boiling point: 205 °C

Melting point: -15.4 °C

Refractive index: 1.5396

Specific gravity: 1.04

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 properly and away from oxidants.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute effects: Skin and respiratory tract 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 g/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 review all federal, state and local regulations that may apply before proceeding.

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

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

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