

# FLINN SCIENTIFIC, INC.

## Material Safety Data Sheet (MSDS)

MSDS #: 879.00

Revision Date: November 17, 2010

### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### 2-Phenyl-1-Propanol

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

2-Phenyl-1-Propanol

Synonyms: beta-methyl-benzeneethanol; hydratropic alcohol

CAS#: 1123-85-9

### SECTION 3 — HAZARDS IDENTIFICATION

Colorless, clear liquid. Hyacinth odor.

Irritating to eyes, skin, respiratory system, and digestive system.

#### FLINN AT-A-GLANCE

Health-1

Flammability-1

Reactivity-0

Exposure-1

Storage-0

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 mild soap and fresh water for at least 15 minutes.

Internal: Rinse mouth with water and give large quantities of water. Never give anything by mouth to an unconscious person. Call a physician or poison control at once.

### SECTION 5 — FIRE FIGHTING MEASURES

Class IIIB combustible liquid.

Flash point: 108 °C (Closed cup).

**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

None

established

### SECTION 6 — ACCIDENTAL RELEASE MEASURES

Restrict unprotected personnel from area. Remove all ignition sources and ventilate area. Contain spill with sand or other inert 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 Miscellaneous. Store together with the Organic Smell Identification Kit.

### 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 ventilation to keep airborne concentrations below exposure limits. Always wear a NIOSH-approved respirator with proper cartridges or a positive pressure, air-supplied respirator when handling this material in emergency situations (spill or fire).

Exposure guidelines: None established.

**FLINN SCIENTIFIC, INC.**

Material Safety Data Sheet 2-Phenyl-1-Propanol

MSDS #: 879.00

Revision Date: November 17, 2010

**SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

Colorless viscous liquid. Boiling Point: 244 °C  
Solubility: Insoluble in water. Soluble in ethyl alcohol. Density: 1.016  
Formula: C<sub>9</sub>H<sub>12</sub>O Melting Point: 2 °C  
Formula Weight: 136.19 Vapor Density: 4.69 (Air=1)

**SECTION 10 — STABILITY AND REACTIVITY**

Keep away from heat and open flame. Incompatible with strong oxidizing agents.  
Hazardous decomposition products (by fire): Carbon dioxide, carbon monoxide  
Shelf Life: Excellent, if stored safely.

**SECTION 11 — TOXICOLOGICAL INFORMATION**

Acute effects: Irritating to eyes, skin, respiratory system, and digestive system. ORL-RAT LD<sub>50</sub>: 2300 mg/kg  
Chronic effects: N.A. IHL-RAT LC<sub>50</sub>: N.A.  
Target organs: N.A. SKN-RBT LD<sub>50</sub>: >5000 mg/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 #18a is one option.

**SECTION 14 — TRANSPORT INFORMATION**

Shipping Name: N/A  
Hazard Class: N/A  
UN Number: N/A  
N/A = Not applicable

**SECTION 15 — REGULATORY INFORMATION**

TSCA listed.

**SECTION 16 — OTHER INFORMATION**

This Material Safety Data Sheet (MSDS) is for guidance and is based upon information and tests believed to be reliable. Flinn Scientific, Inc. makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating thereto. The data is offered solely for your consideration, investigation, and verification. The data should not be confused with local, state, federal or insurance mandates, regulations, or requirements and CONSTITUTE NO WARRANTY. Any use of this data and information must be determined by the science instructor to be in accordance with applicable local, state or federal laws and regulations. The conditions or methods of handling, storage, use and disposal of the product(s) described are beyond the control of Flinn Scientific, Inc. and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THIS PRODUCT(S).

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