

MATERIAL SAFETY DATA SHEET

CHEMICAL NAME & SYNONYMS BENZYL ALCOHOL (PHENYL CARBINOL)		FLINN CATALOG NUMBER B0069, B0132
FORMULA C ₆ H ₅ CH ₂ OH	FORMULA OR ATOMIC WEIGHT 108.14	CAS NUMBER 100-51-6
PHYSICAL DATA (DENSITY, SOLUBILITY, ETC.) Specific Gravity: 1.05 Boiling Point: 202 C Flash Point: 200 F. Slightly soluble in water (4%).		
APPEARANCE AND ODOR Clear liquid; sharp burning taste. Fruity odor.		
COMPATIBLE CHEMICAL FAMILY Organic #2 See Flinn Chemical Catalog/Reference Manual	DOT CLASS Not Regulated	REACTIVITY Stable
CONDITIONS TO AVOID (IF ANY): Prudent laboratory practices should be observed. Exposure to heat may build pressure in closed container. Use prudent laboratory practices. Avoid acid, chlorides, acid anhydrides, oxidizing agents and plastics.		
HEALTH HAZARDS (IF ANY): Moderately toxic. Not considered hazardous based on NIOSH criteria. Substance not considered hazardous. However, not all health aspects of this substance have been thoroughly investigated.		THRESHOLD LIMIT VALUE (TLV) IF ESTABLISHED None Established
FIRE HAZARDS (IF ANY): Use a triclass, dry chemical fire extinguisher. Combustible.		
SPILLS AND LEAKS: Absorb on sand or vermiculite. Place in a suitable container. Use the disposal method listed on the right.		DISPOSAL METHOD 18b See Flinn Chemical Catalog Reference Manual
SPECIAL PRECAUTIONS (IF ANY): Wear chemical gloves and goggles. Use and dispense in a hood. Prudent lab practices should be observed.		
FIRST AID (IF SUBSTANCE DANGEROUS): External: Wash affected parts with copious quantities of water. Internal: Wash mouth; see a physician. Eyes: Wash continuously for 15 minutes. See a physician. Respiratory: Transport to fresh air; administer oxygen. See a physician.		
Consult your copy of the Flinn Chemical Catalog/Reference Manual for even more information about laboratory chemicals		

LIMIT OF LIABILITY — NO WARRANTY

DISCLAIMER

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 are 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 these data and information must be determined by the science instructor to be in accordance with applicable local, state or federal laws and regulations.

This form adapted from USDL form LSD-005-4.

The conditions or methods of handling, storage, use and disposal of the products(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).

Materials listed in this MSDS are classified in accordance with the definitions set forth in 29CFR parts 1915, 1916 and 1917.

Date: 3/1/87

Date Revised: 1/3/89

FLINN SCIENTIFIC, INC.
P.O. Box 219
Batavia, IL 60510 USA

Flinn Telephone Number: 312/679-6900

CHEMTREC Emergency Telephone Number: 800/424-9300