



MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
Avon, New York 14414
(716) 226-6177

MSDS No. BB 113
Effective Date January 9, 1998

SECTION V HEALTH HAZARD DATA

BB113

Threshold Limited Value None established by (ACGIH 1992-93). TXDS: Oral-rat LD₅₀ 18.2 grams/kg;
Dermal: Rabbit LD₅₀ 2 grams/kg.

Effects of Overexposure **INHALATION:** Vapors and mists irritate the nose and throat. Inhalation of higher concentrations may cause headaches, dizziness. **EYES:** Vapors may irritate the eyes. Liquid and mists may severely irritate or cause corneal irritation. **SKIN:** Brief contact may dry skin. Prolonged or repeated contact may irritate the skin, causing dermatitis. **INGESTION:** May cause gastrointestinal tract irritation with nausea, vomiting, possible burns.

Emergency and First Aid Procedures **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. **EYES:** Immediately flush eyes thoroughly with running water for 15 minutes, raising the upper and lower eyelids occasionally. Get immediate medical attention. **SKIN:** Flush with water, then wash with mild soap and water. **INGESTION:** If swallowed, do NOT induce vomiting. If conscious, give one or two glasses of water to drink. Call physician immediately. Never give anything by mouth to an unconscious person.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperature and heat.
	Stable	X		

Incompatibility (Materials to Avoid) Strong oxidizing agents, sulfuric and other acids, hydrogen bromide.

Hazardous Decomposition Products Thermal decomposition or burning emits carbon dioxide and/or carbon monoxide acrid smoke and fumes.

Hazardous Polymerization		Conditions to Avoid	Not applicable.
May Occur	Will Not Occur		
	X		

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled Wearing suitable protective clothing, extinguish all ignition sources and absorb spill in vermiculite, sand or earth. Scoop up and place in a suitable container for proper disposal. Wash spill area with soap and water.

Waste Disposal Method Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only.

Dispose of in accordance with federal, state and local regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type) In normal laboratory use work in ventilation hood. In the absence of proper respiratory ventilation wear a NIOSH/MSHA approved respirator.

Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.

Protective Gloves Rubber. **Eye Protection** Chemical safety glasses.

Other Protective Equipment Goggles, lab coat, apron, eye wash station, fire extinguisher, proper gloves, ventilation hood.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing Store in a cool, dry, well-ventilated area away from strong oxidizing materials and fire hazards. Keep away from heat, sparks and flames. Wash thoroughly after handling.
Keep container tightly closed when not in use.

Other Precautions Read label on container before using. Do not wear contact lenses when working with chemicals.
Avoid contact with skin and eyes. Avoid breathing vapors or mists. Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision No. 1	Date 1/9/98	Approved Michael Raszeja	Chemical Safety Coordinator MR
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The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. * Hazardous Materials Industrial Standards. Printed on recycled paper.

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	BENZYL ALCOHOL	<p>CHEMTREC 800-424-9300 Day 716-226-6177</p> <p>NFPA HAZARD RATING</p> <table border="1"> <tr> <td>LEAST</td> <td>SLIGHT</td> <td>MODERATE</td> <td>HIGH</td> <td>EXTREME</td> </tr> <tr> <td>0</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> </table> <p>HMIS *</p> <table border="1"> <tr> <td>Health</td> <td>2</td> </tr> <tr> <td>Fire</td> <td>1</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>	LEAST	SLIGHT	MODERATE	HIGH	EXTREME	0	1	2	3	4	Health	2	Fire	1	Reactivity	0
LEAST	SLIGHT		MODERATE	HIGH	EXTREME													
0	1		2	3	4													
Health	2																	
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Chemical Synonyms	Phenylmethanol																	
Formula	C ₇ H ₈ O																	
Unit Size	up to 4 Lt.																	
C.A.S. No.	100-51-6																	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Benzyl Alcohol	100%	None established

WARNING! MAY CAUSE EYE OR SKIN IRRITATION.

MAY BE HARMFUL IF SWALLOWED.

SECTION III PHYSICAL DATA

Melting Point (°F)	-15.0°C (5°F)	Specific Gravity (H ₂ O = 1)	1.042 - 1.047 @ 25°C
Boiling Point (°F)	204°C (400°F)	Percent Volatile by Volume (%)	100%
Vapor Pressure (mm Hg)	0.13 @ 20°C	Evaporation Rate (=1)	NA
Vapor Density (Air=1)	3.72		
Solubility in Water	Moderate		
Appearance & Odor	Clear liquid; faint aromatic odor with burning taste.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	94°C (201.2°F)	Flammable Limits in Air % by Volume	Unknown	Lower	Upper
				1.3%	13%

Extinguisher Media Foam; carbon dioxide (CO₂); dry chemical; water spray.

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA approved self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Will burn if involved with fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce various hazardous hydrocarbons as decomposition products; can react with strong oxidizing materials.

Autoignition Temperature: 435°C (815°F)

D.O.T. Non-Regulated

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20