

Flinn Scientific, Inc.

182.00

MATERIAL SAFETY DATA SHEET

CHEMICAL NAME & SYNONYMS sec-BUTYL ALCOHOL (2-BUTANOL)		FLINN CATALOG NUMBER B0034, B0178	
FORMULA CH ₃ CHOHCH ₂ CH ₃	FORMULA OR ATOMIC WEIGHT 74.12	CAS NUMBER 78-92-2	
PHYSICAL DATA (DENSITY, SOLUBILITY, ETC.) Specific Gravity: 0.81 Flash Point: 31 C Melting Point: -89 C Boiling Point: 99.5 C			
APPEARANCE AND ODOR Colorless liquid; strong odor; like rubbing alcohol.			
COMPATIBLE CHEMICAL FAMILY Organic #2 See Flinn Chemical Catalog/Reference Manual	DOT CLASS Flammable Liquid	REACTIVITY Stable	
CONDITIONS TO AVOID (IF ANY): Oxidizing materials. Heat, sparks, any source of ignition. Avoid storing this material for prolonged periods. Explosive peroxides have been known to develop in storage.			
HEALTH HAZARDS (IF ANY): Irritant to body tissue; toxic on prolonged inhalation. Absorbed through the skin. orl-rat LD50 6480 mg/kg Not all health aspects of this substance have been fully investigated.			THRESHOLD LIMIT VALUE (TLV) IF ESTABLISHED 303 mg/ cubic meter
FIRE HAZARDS (IF ANY): Use a triclass, dry chemical fire extinguisher. Flammable liquid; dangerous fire risk. This material may develop explosive hydroperoxides. Use only fresh material.			
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. Avoid storing for prolonged periods. This material may develop explosive hydroperoxides. Use only fresh material. If your material is not fresh do not use it.			
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.			
Consult your copy of the Flinn Chemical Catalog/Reference Manual for even more information about laboratory chemicals			

1/5/92

FLINN SCIENTIFIC, INC. • P.O. BOX 219 • BATAVIA, ILLINOIS 60510 • (708)879-6900

© 1988 Flinn Scientific, Inc. All Rights Reserved