

MATERIAL SAFETY DATA SHEET

CHEMICAL NAME & SYNONYMS ISO-PENTYL ALCOHOL (3-METHYL 1-PROPANOL)		FLINN CATALOG NUMBER I0031, I0018
FORMULA (CH ₃) ₂ CHCH ₂ CH ₂ OH	FORMULA OR ATOMIC WEIGHT 88.15	CAS NUMBER 123-51-3
PHYSICAL DATA (DENSITY, SOLUBILITY, ETC.) Specific Gravity: 0.813 Flash Point: 42.7 C Autoignition temperature: 347 C Soluble in water (slightly). Miscible with alcohol and ether.		
APPEARANCE AND ODOR Clear colorless liquid.		
COMPATIBLE CHEMICAL FAMILY Organic #2 See Flinn Chemical Catalog/Reference Manual	DOT CLASS Flammable Liquid	REACTIVITY Stable
CONDITIONS TO AVOID (IF ANY): Avoid body contact. Avoid strong oxidizing agents, heat, sparks, and open flame. Avoid inhaling fumes.		
HEALTH HAZARDS (IF ANY): Irritant to body tissues. Toxic by inhalation. Not all health aspects of this substance have been fully investigated.		THRESHOLD LIMIT VALUE (TLV) IF ESTABLISHED 100 ppm in air
FIRE HAZARDS (IF ANY): Use a triclass, dry chemical fire extinguisher. Very flammable liquid. Decomposition releases toxic fumes.		
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.		
Consult your copy of the Flinn Chemical Catalog/Reference Manual for even more information about laboratory chemicals		