

## Flinn Scientific, Inc.

## MATERIAL SAFETY DATA SHEET

|   |                                   |   |  |
|---|-----------------------------------|---|--|
| CHEMICAL NAME & SYNONYMS<br>ETHYL ALCOHOL   |                                   | FLINN CATALOG NUMBER<br>E0007-E0014, E0025, E0026, E0030,<br>E0031, E0042 |  |
| FORMULA<br>C <sub>2</sub> H <sub>5</sub> OH   | FORMULA OR ATOMIC WEIGHT<br>46.07 | CAS NUMBER<br>64-17-5   |  |
| PHYSICAL DATA (DENSITY, SOLUBILITY, ETC.)<br>All ethyl alcohol(s) covered by this MSDS are denatured. Flash Point: 12.7 C.  |                                   |   |  |
| APPEARANCE AND ODOR<br>Clear liquid; strong alcohol odor.   |                                   |   |  |
| COMPATIBLE CHEMICAL FAMILY<br>Organic #2<br>See Flinn Chemical Catalog/Reference Manual   | DOT CLASS<br>Flammable<br>Liquid  | REACTIVITY<br>Stable  |  |
| CONDITIONS TO AVOID (IF ANY):<br>Avoid heat.<br>Avoid sparks or open flame. Avoid contact with oxidizing agents, peroxides, acids, acid chlorides, acid anhydrides, and alkali metals. Avoid inhalation.  |                                   |   |  |
| HEALTH HAZARDS (IF ANY):<br>Vapor is toxic. Toxic by ingestion. Orl-rat LD50: 7060 mg/kg.<br>Not all health aspects of this substance have been fully investigated.   |                                   | THRESHOLD LIMIT VALUE (TLV) IF ESTABLISHED<br>1000 ppm in air             |  |
| FIRE HAZARDS (IF ANY):<br>Use a triclass, dry chemical fire extinguisher.<br>Severe fire hazard.  |                                   |   |  |
| SPILLS AND LEAKS:<br>Absorb on sand or vermiculite. Place in a suitable container. Use the disposal method listed on the right.   |                                   | DISPOSAL METHOD<br>26b<br>See Flinn Chemical Catalog Reference Manual     |  |
| SPECIAL PRECAUTIONS (IF ANY):<br>Wear chemical gloves and goggles. Use and dispense in a hood. Prudent lab practices should be observed.  |                                   |   |  |
| FIRST AID (IF SUBSTANCE DANGEROUS):<br>External: Wash affected parts with copious quantities of water.<br>Internal: Wash mouth; see a physician. Eyes: Wash continuously for 15 minutes. See a physician.<br>Respiratory: Transport to fresh air. |                                   |   |  |
| Consult your copy of the Flinn Chemical Catalog/Reference Manual<br>for even more information about laboratory chemicals  |                                   |   |  |

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