

# K2000 XYLENE/REDUCER

**Manufacturer/ Distributor** Multi-Tech Products  
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**EMERGENCY:** CHEM TREC 800-424-9300

**PRODUCT NAME:** K2000 REDUCER **DATE PRINTED:** 5-1-05  
**HMIS CODES:** H-1, F-3, R-0, P-H UN1263

## COMPONENTS

<u>Material</u>	<u>CAS Number</u>	<u>%</u>
*M.E.K.P.	78-93-3	15-30
*XYLOL	1330-20-7	15-30
N-BUTYL ACETATE	123-86-4	15-30
ISOBUTYL ISOBUTYRATE	97-85-8	15-30

\*Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372. N/A

## PHYSICAL DATA

**Boiling Range:** 175 deg F - 291deg F  
**Vapor Density:** Heavier than air  
**Coating V.O.C.:** 7.07 lb/gl  
**Solubility In Water:** VERY SLIGHT  
**Appearance And Odor:** Clear. Solvent odor.  
**Specific Gravity (H<sub>2</sub>O=1):** 0.85  
**Evaporation Rate:** Slower than ether  
**Material V.O.C.:** 7.07 lb/gl

## HAZARDOUS REACTIVITY

**Stability:** STABLE  
**Conditions to Avoid:** Avoid all possible sources of ignition.  
**Incompatibility:** Incompatible with strong acids or bases. Oxidizing agents.  
**Hazardous Decomposition or Byproducts:** Carbon monoxide or carbon dioxide. Do not breathe smoke or fumes.  
**Hazardous Polymerization:** Will not occur.

## FIRE AND EXPLOSION DATA

**Flash Point:** 23 deg F  
**Method Used:** TCC  
**Flammable Limits In Air by Volume:** LOWER .96 UPPER 11  
**Extinguishing Media:** Foam, CO<sub>2</sub>, dry chemical, water fog  
**Special Firefighting Procedures:** Gear appropriate equipment including respiratory protection as conditions warrant.  
**Unusual fire and explosion hazards:** this material is flammable and may be ignited by heat, sparks, flame or other sources of ignition. Vapors are heavier than air and may accumulate in low area. If container is not properly cooled, it may explode in the heat of a fire.

## HEALTH HAZARD DATA

**Inhalation Health Risks and Symptoms of Exposure:** While this material has a low degree of toxicity, breathing high concentrations of vapors or mists may cause irritation of the nose and throat and signs of nervous system depression.

**Skin And Eye Contact Health Risks and Symptoms of Exposure:** Direct contact with the liquid or exposure to vapors or mists may cause stinging, tearing, redness and swelling. Pro-longed or repeated contact may cause redness, burning and drying and cracking of the skin.

**Skin Absorption Health Risks and Symptoms of Exposure:** Contact may result in skin absorption but symptoms or toxicity are not anticipated by the route alone under normal conditions of use.

**Ingestion Health Risks and Symptoms of Exposure:** If swallowed, seek emergency medical attention. If victim is drowsy or unconscious, place on the left side with the head down and do not give anything by mouth.

**Health Hazards (Acute and Chronic):** Inhalation, dizziness, breathing, headaches and loss of coordination. Eye contact-severe irritation, tearing, redness, and blurred vision. Skin contact – can dry and defat skin causing cracks, irritation and dermatitis. Ingestion can cause gastrointestinal irritation, vomiting, nausea and diarrhea. No chronic health effects.

**Carcinogenicity:** NTP Carcinogen: No IARC Monographs: No  
**OSHA Regulated:** Yes

This material has not been identified as a carcinogen by NPT, IARC or OSHA.

**Medical Conditions Generally Aggravated by Exposure:** Headache, Drowsiness, Dizziness, Loss of coordination and Fatigue.

**Emergency and First Aid Procedures:** Eye contact; if irritation or redness develops, flush eyes with clean water and seek medical attention. Skin contact; cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops and persists, seek medical attention. Inhalation (breathing); if respiratory symptoms or other symptoms of exposure develop, move victim away from the source of exposure and into fresh air. Ingestion (swallowing); if swallowed, seek emergency medical attention.

## PRECAUTIONS FOR SAFE HANDLING AND USE

**Steps to be Taken in Case Material is Released or Spilled:** Flammable. Keep all sources of ignition and hot metal surfaces away from spill/release. Isolate Hazard area and limit entry to emergency crew. Notify appropriate authorities.

**Waste Disposal Method:** Spilled material may be absorbed into an appropriate absorbent material and disposed of as per Local, State and Federal Laws.

**Precautions to be Taken in Handling and Storing:** Keep container(s) tightly closed. Use and store this material in cool, dry, well ventilated, areas away from heat, direct sunlight, hot metal surfaces and all sources of ignition. Post area "NO SMOKING OR OPEN FLAME".

**Other Precautions:** Bond and ground all equipment when transferring from one vessel to another. Store only in approved containers. Keep away from incompatible materials. Protect containers against physical damage. The use of explosion-proof equipment is recommended and may be required (see appropriate fire codes). Indoor storage should meet OSHA standards and appropriate fire codes. Do not wear contaminated clothing or shoes. Use good personal hygiene practice.

## CONTROL MEASURES

**Respiratory Protection:** The use of respiratory protection is advised when concentrations exceed exposure limits. Depending on airborne concentration, use a respirator or gas mask with appropriate cartridges and canisters (NIOSH approved, if available) or supplied air equipment.

**Ventilation:** If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits, additional ventilation or exhaust systems may be required.

**Protective Gloves:** The use of gloves impermeable to the specific material handled is advised to prevent skin contact.

**Eye Protection:** Approved eye protection to safeguard against potential eye contact, irritation or injury is recommended.

**Other Protective Clothing or Equipment:** It is suggested that a source of clean water be available in the work area for flushing eyes and skin. Impervious clothing should be worn as needed.

**Work/Hygienic Practices:** Keep work area clean.

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