

# MATERIAL SAFETY DATA SHEET

Manufacturer	K&E Chemical Company, Inc.	Identity (trade name on label)	KlenzSeal
	3960 East 93 <sup>rd</sup> Street	General Use*	N/A
	Cleveland, OH 44105	MSDS Number*	N/A
Phone Number	216-341-0500	Date Prepared	January 5, 2004
Emergency Phone Number	800-331-1696	Prepared By*	N/A

## SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

Components - Chemical names & common names (hazardous components 1% or greater, carcinogens 0.1% or greater)	%*	CAS No*	OSHA PEL	ACGIH TLV	Other Limits Recommended
Contains no hazardous ingredients					
Non-hazardous Ingredients					
TOTAL	100%				

## SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	100°C	Specific Gravity @ 20°C	1.00±0.04	Solubility in Water	Dispersible
State	Liquid Emulsion	Melting Point	N/D	Appearance and odor	Milky white liquid, Glycol odor
Weight per gallon	8.4 Lb/gal.	pH	2.3-3.1		

## SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method <input type="checkbox"/> Tagliabue <input type="checkbox"/> Setflash >100°C Pensky-Martens <input type="checkbox"/> Not Applicable	Auto-Ignition Temperature N/A	Flammability Limits (% air by volume) at N/A LEL N/A    UEL N/A
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Extinguisher Media	Use media suitable for the material that is burning.
Special Fire & Explosion Hazards	Move containers from area if it can be done without risk. Cool fire - exposed containers with water from side.
Unusual Fire & Explosion Hazards	N/A

## SECTION 4 - REACTIVITY HAZARD DATA

STATE (under normal handling and storage conditions)	<input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable
Conditions to Avoid	Contact with heat
Incompatibility (materials to avoid)	Oxidation agents, alkalis
HAZARDOUS POLYMERIZATION	<input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur
Conditions to Avoid	N/A
Hazardous Decomposition Products	N/A

## SECTION 5 - HEALTH HAZARD DATA

Primary Routes of Entry	<input type="checkbox"/> Inhalation <input type="checkbox"/> Skin Absorption	<input type="checkbox"/> Ingestion <input type="checkbox"/> Not Hazardous
Carcinogen Listed In	<input type="checkbox"/> NTP <input type="checkbox"/> IARC Monograph	<input type="checkbox"/> OSHA X Not Listed
HEALTH	Acute: .eye irritation.	
HAZARDS	Chronic: None Known	
Signs and symptoms of overexposure	None Known	
Medical conditions generally aggravated by exposure	None Known	
EMERGENCY FIRST AID PROCEDURES	Eye Contact Flush eyes with plenty of water for at least 15 minutes, call a physician.	
Seek medical assistance for further treatment, observation and support if necessary	Skin Contact Wash affected areas with plenty of water and soap if available for several minutes. Seek medical attention if irritation develops or persists.	
	Inhalation Remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.	
	Ingestion Give 3-4 glasses of water, but DO NOT induce vomiting. If vomiting occurs, give fluids again. Get medical attention.	

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Protective Gloves (type and construction)	Eye Protection
Natural rubber gloves	Goggles

Required Ventilation (enclosed areas)	<input checked="" type="checkbox"/> Local Exhaust (collect vapors at source) <input type="checkbox"/> Mechanical (general) <input type="checkbox"/> Other (specify)
Respiratory Protection	In operations where mists are generated, wear a NIOSH/MSHA approved respirator that has been selected by a technically qualified person for the specific work conditions.
Other Protective Clothing and Equipment	Eye ash; Safety shower
Hygienic work practices	N/A

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

Steps to be taken if material is spilled or released	Absorb spills with vermiculite, fuller's earth, or sand. Shovel up and place in a non-metal waste container for disposal. Dike large spills with soil or sandbags to contain it and prevent its spread. Prevent liquid from entering sewers or waterways.
Waste disposal methods	
Precautions to be taken in handling and storage	Wear appropriate protective equipment.
Other precautions and/or special hazards	N/A

\*OPTIONAL