

MATERIAL SAFETY DATA SHEET

Manufacturer	K & E Chemical Co., Inc.	Identity (Trade Name As Used On Label)	CSP-Concrete & Stone Preparer
	3960 E. 93 rd St.	General Use*	NA
	Cleveland OH 44105	MSDS Number*	NA
Phone Number (for Information)	(216) 341-0500	Date Prepared	January 15, 2005
Emergency Phone Number	(216) 341-0500	Prepared By*	

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
Phosphoric acid CAS#7664-38-2	10%		1mg/m3	1mg/m	
Non-Hazardous Ingredients					
TOTAL	100				

SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point	316° F	Specific Gravity (Water = 1)	1.2
Vapor Pressure (mm Hg at Temperature)	.028 at 20 C	Melting Point	NA
Vapor Density (Air = 1)	over 1.0	Evaporation Rate (_____ = 1)	low
Solubility in Water	Complete	Water Reactive	NO

Appearance and Odor Clear, blue, odorless, liquid

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method <input type="checkbox"/> Tagliabue <input type="checkbox"/> Setflash <input type="checkbox"/> Pinsky-Martens <input checked="" type="checkbox"/> Not Applicable	Auto-Ignition Temperature NA	Flammability Limits (%in Air by Volume) at NA LEL NA UEL NA
Extinguisher Media	Cool storage drums with water spray, this material will not burn.	
Special Fire Fighting Procedures	NA	
Unusual Fire and Explosion Hazards	NA	

SECTION 4 - REACTIVITY HAZARD DATA

STATE (Under Normal Handling and Storage Conditions) <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions to Avoid None
	Incompatibility (Materials to Avoid) Reaction of material with active metals(aluminum, iron) can liberate hydrogen
HAZARDOUS POLYMERIZATION <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	Conditions to Avoid NA
Hazardous Decomposition Products	Phosphorus oxides

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY	<input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Ingestion <input checked="" type="checkbox"/> Skin Absorption <input type="checkbox"/> Not Hazardous	CARCINOGEN LISTED IN	<input type="checkbox"/> NTP <input type="checkbox"/> IARC Monograph	<input type="checkbox"/> OSHA <input checked="" type="checkbox"/> Not Listed
HEALTH HAZARDS	Acute Can abrade skin tissues when it makes contact			
	Chronic None known			
Signs and Symptoms of Overexposure	Abrades tissue if not washed off			
Medical Conditions Generally Aggravated by Exposure	None Known			
EMERGENCY FIRST AID PROCEDURES Seek Medical Assistance for Further Treatment, Observation and Support if Necessary	Eye Contact Flush thoroughly with water for at least 15 minutes. Get medical attention.			
	Skin Contact Large contact: remove clothing under safety shower, get medical attention Lesser contact: wash area with soap and water. Remove contaminated cloths			
	Inhalation Remove from exposure. If unconsciousness occurs, seek immediate medical attention, if breathing stops, use cardiopulmonary resuscitation, keep warm.			
	Ingestion Do not induce vomiting. Give large quantities of milk or water. Get medical attention. Do not give anything by mouth to an unconscious person.			

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Required Ventilation (enclosed areas)	<input checked="" type="checkbox"/> Local Exhaust (collect vapors at source) <input type="checkbox"/> Other (Specify)	<input checked="" type="checkbox"/> Mechanical (general)
Protective Gloves(Type and Construction) Water resistant	Eye Protection Chemical goggles	
Respiratory Protection	NIOSH/MESA approved respirator for misting conditions.	
Other Protective Clothing and Equipment	None	
Hygienic Work Practices	Avoid contact with skin, but if gets on skin, wash with water.	

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

Steps to be Taken if Material is spilled or Released	Report spills as required to appropriate authorities. Regulations require reporting any spills that could reach any waterway.
Waste Disposal Methods	Sprinkel hydrate lime or soda ash on spill area, scrape up and remove.
Precautions to be Taken in Handling and Storage	Do not store with basic materials.
Other Precautions and/or Special Hazards	

* Optional