

5201 BOYLAN STREET, BAKERSFIELD, CA 93308 (661) 325-2072

MSDS NUMBER: 67-8600

REVISION DATE: 06-10-04

EMERGENCY TELEPHONE NUMBER:

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, ACCIDENT CALL
CHEMTREC-DAY OR NIGHT 1-800-424-9300.

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SECTION ONE— PRODUCT DESCRIPTION

PRODUCT NAME: CAP
CHEMICAL DESCRIPTION: Ethoxylated Alcohol Phosphate
SYNONYMS: None

SECTION TWO— HAZARDOUS INGREDIENT

CHEMICAL	CAS NUMBER	% PRESENT	TLV or PEL (current ACGIH limit)
¹⁰ Phosphoric Acid	7664-38-2	approx. 1	TWA = 1 mg/m ³ , STEL = 3 mg/m ³

3. SUBJECT TO REPORTING REQUIREMENTS UNDER SECTION 313 SARA TITLE II

All phosphorus compounds may be reasonably expected to contain arsenic and possibly cadmium and/or lead in concentrations ranging from a few parts per billion to a few parts per million. These chemicals are known to the state of California to cause cancer or birth defects or other reproductive harm.

SECTION THREE— PHYSICAL DATA

BOILING POINT:	> 360°F	SPECIFIC GRAVITY (H₂O=1):	1.11 - 1.06
SOLUBILITY IN WATER (% by volume):	Soluble, gels	FREEZING POINT:	Not Determined
EVAPORATION RATE (Butyl Acetate=1):	Not Determined	VAPOR PRESSURE @ 20°C:	< 1
% VOLATILES BY VOLUME:	Nil	VAPOR DENSITY:	> 1
APPEARANCE & ODOR:	Yellow, viscous amber liquid with mild fatty odor		

SECTION FOUR— FIRE AND EXPLOSION HAZARD**FLASH POINT [Test Method(s)]:** > 350°F (Cleveland Open Cup)**FLAMMABLE LIMITS IN AIR, % BY VOLUME:** Not Established**EXTINGUISHING MEDIA:** Water, Dry Chemical, Carbon Dioxide, Foam**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None**SPECIAL FIRE FIGHTING PROCEDURES:** As with most chemical fires, it is advised that firemen be supplied with self-contained breathing devices equipped with full face piece.

SECTION FIVE— HEALTH AND FIRST AID DATA

ACUTE EFFECTS OF OVEREXPOSURE:

SWALLOWING: Ingestion may cause irritation to the membranes of the mouth, throat and gastrointestinal tract. Nausea, vomiting, cramps and diarrhea may occur. In severe cases, tissue ulceration and central nervous system effects may result.

SKIN ABSORPTION: None currently known.

INHALATION: No health effects are known to occur from inhalation of this product. Inhalation of mists or sprays may result in non-specific irritation of the upper respiratory tract.

SKIN CONTACT: Contact with skin could produce severe local irritation.

EYE CONTACT: Severe local irritation may result. CORNEAL DAMAGE MAY OCCUR IF NOT PROMPTLY WASHED AWAY WITH WATER.

CHRONIC EFFECTS OF OVEREXPOSURE: No chronic effects, either systemic or local are known.

OTHER HEALTH HAZARDS: None currently known.

EMERGENCY AND FIRST AID PROCEDURES:

SWALLOWING: Obtain medical attention.

SKIN: Flush affected area with water, followed by washing with soap and water until material has been removed. Obtain medical attention if irritation persists.

INHALATION: Remove from contaminated atmosphere. If symptoms of respiratory discomfort persist, obtain medical attention.

EYES: Immediately flush eyes with large quantities of water. Do not attempt to neutralize with chemical agents. Obtain medical attention if irritation persists.

TLV OR PEL AND SOURCE: None currently established.

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

HEALTH: 2
FLAMMABILITY: 1
REACTIVITY: 1
PERSONAL PROTECTION EQUIPMENT: C
 Goggles, gloves, synthetic apron

HAZARD INDEX*	
4	SEVERE HAZARD
3	SERIOUS HAZARD
2	MODERATE HAZARD
1	SLIGHT HAZARD
0	MINIMAL HAZARD

*USED AND ASSIGNED BY ACI CORPORATION TO IDENTIFY HAZARDS OF THE MATERIAL. SEE ATTACHED "MATERIAL SAFETY DATA SHEET TERMINOLOGY," PAGE B, FOR SPECIFIC INFORMATION ON EACH INDEX.

SECTION SIX— REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID IF UNSTABLE: None

INCOMPATIBILITY WITH OTHER MATERIALS: Alkyl Acid Phosphates react rapidly and exothermically (but not violently) with alkalis to form stable salts.

HAZARDOUS DECOMPOSITION PRODUCTS: None currently known.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None currently known.

SECTION SEVEN— SPILL AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Wear suitable protective equipment. *Small Spills:* Absorb liquid with absorbent material. *Large Spills:* Stop spill at source. Dike area of the spill to prevent spreading. Pump liquids into waste containers. Remaining liquids can be absorbed.

WASTE DISPOSAL METHOD: Incinerate or landfill where permitted under appropriate federal, state and local regulations. Alkyl Acid Phosphates would be defined as hazardous (corrosive) by the U. S. EPA and must be disposed of in accordance with the law. Questions concerning disposal should be directed to Amber Chemical, Inc.

SECTION EIGHT— SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Self-contained breathing apparatus in high concentrations. Normally not required.

VENTILATION: General (mechanical) room ventilation is expected to be satisfactory.

PROTECTIVE GLOVES: Butyl or neoprene rubber

EYE PROTECTION: Monogoggles

OTHER PROTECTIVE EQUIPMENT: Synthetic apron, eye wash station

SECTION NINE— SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Soiled clothing should be removed and laundered before reuse. Store below 120°F.