



MATERIAL SAFETY DATA SHEET Printed: 02/06/2004

I Chemical Product and Company Indentification	PHOSPHORIC A		SCC	% 15	Exposur TLV 1;	Emergency Medical(Collect) Chemtree Date e Limits PEL 1; STEL 3	(303) (800)	831-9889 592-1024 424-9300 1/1996 Units MG/M3	
Composition/ Information on Ingredients	EPA REGISTER	ED PRODUCT #875-90							
III Hazards Identification	A CAUSES BURNS TO SKIN AND EYES. MISTS CAUSE SEVERE IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT. PULMONARY EDEMA. CAUSES BURNS TO DIGESTIVE TRACT. DANGERCORROSIVE. Symptoms of R NONE KNOWN								
	C HMIS: Health 3 Flammability 0 Reactivity 0 Personal Protection D Conditions Aggravated SENSITIVE SKIN AND EYES. MAY AGGRAVATE RESPIRATORY DISEASE. DISEASE.								
	Carcinogen Info NOT CARCINOGENIC NTP IARC OSHA						OSHA		
	Target Organs or System								
	Routes of Exposure: Inhalation 🕱 Skin 🖾 Ingestion 🕱								
	Inhalation REMOVE TO FRESH AIR. IF DIFFICULT BREATHING, GIVE OXYGEN. GET MEDICAL ATTENTION.								
IV	Eyes FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.								
First Aid Measures	SkinFLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES.								
		E MILK OR WATER. DO NOT INDUCE ENTION. NEVER GIVE ANYTHING BY SON.							
V	Fire Control WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE GEAR Measures/ TO PREVENT SKIN CONTACT WITH ACIDIC SOLUTIONS. Equipment To PREVENT SKIN CONTACT WITH ACIDIC SOLUTIONS.								
	Flammable Property Info								
Fire Fighting Measures	Explosion Info ACIDIC SOLUTIONS								
	Extinguishing Media CO2, WATER, WATER FOG								
	Gases								

VI Accidental Measures	Spill and Leak DIKE SPILL. VACUUM OR ABSORB WITH CLAY OR SAND. PLACE IN AN APPROPRIATE COVERED CONTAINER. NEUTRALIZE RESIDUE WITH DILUTE Clean UP Procedures CERCLA PRODUCT RQ = PHOSPHORIC ACID - 9,615 LBS OR 1,051 GALLONS						
	Environmental Precautions						
	Ventilation Required? YES Instructions NORMAL AIR DILUTION						
VII Handling and Storage	Safe Storage, HandlingDO NOT PRESSURE CONTAINER TO EMPTY. KEEP CONTAINER CLOSED.Handling and Use InstructionsKEEP OUT OF THE REACH OF CHILDREN. WHEN DILUTING, ADD SLOWLYWITH STIRRING TO AVOID SPLATTERING AND HEAT GENERATION.						
	Imcompatible Materials						
	Protective Gloves ACID RESISTANT						
VIII	Eye Protection GOGGLES WHEN POURING OR SPLASH HAZARD EXISTS						
Exposure Controls/ Personal Protection	Respiratory Protection USE APPROVED CARTRIDGE RESPIRATOR TO MAINTAIN PEL/TLV.						
	Other Protective ACID RESISTANT CHEMICAL APRON WHEN HANDLING. Clothing Equipment SAFETY SHOWER/EYE WASH.						
IX Physical and Chemical	Characteristics o of Hazardous Chemcial						
	Vapor Pressure 22.6 MmHg@ 20 °C Vapor Density(Air=1) N/A pH Water Solubility 100 % Appearance & Odor YELLOW LIQUID; SLIGHT ACIDIC ODOR Vapor Density(Air=1) N/A pH Water Solubility 100 %						
	Boiling Point 218 °F Melting Point °F Flammability Limits in Air By Volume: Upper NONE Lower NONE						
Properties	Flash Point NONE °F Auto Ignition N/A °F Oxidizing Properties						
	Specific Gravity1.100Volatile by Volume52%						
	Evaporation Rate(n-Butyl Acetate=1) 1.						
	Peroxide, Pyrophoric, Unstable or Water Reactive NONE Reactivity and Hazardous Polymerization NONE						
Х	Possible Hazardous Reactions						
	Conditions to Avoid						
Stability and Reactivity	Materials To Avoid CONCENTRATED ALKALIS, SOFT METALS, OR CHLORINATED COMPOUNDS						
N/I	Hazardous SULFUR OXIDES, PHOSPHORUS OXIDES Decomposition Products						
XI Toxicological Information							
XII	Possible Effects and Environmental Fate						
Ecological Information	Degradability						
	Aquatic Toxicity Method of USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY						
XIII Disposal Consideration	Disposal, Residues and Safe Handling						
	Disposal of SULFUR OXIDES, PHOSPHORUS OXIDES						
XIV	CONTACT DISTR. DEPT. FOR DESCRIPTION						
Transport Information							
XV-Regulatory Information							
XVI-Other Information							
S.A.R.A. Title III Section 313	THIS PRODUCT CONTAINS SARA TITLE III, SECTION 313 CHEMICALS: PHOSPHORIC ACID (7664-38-2) AT 15% ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.						
State Right to Know Information	PHOSPHORIC ACID - CAS #7664-38-2 WATER - CAS #7732-18-5 PROPYLENE GLYCOL - CAS #57-55-6 SODIUM SULFONATED OLEIC ACID - CAS #67998-94-1 POLYALKOXY GLYCOL - CAS #9003-11-6						