



MATERIAL SAFETY DATA SHEET Printed: 02/06/2004

Ι	Product Name RX-9							Emergency	(800)	831-9889	
	Product Code 00165340 UPC-A 774205553431 SCC							Medical(Collect) (303)592-1024			
Chemical Product and Company	Manufacturer							Chemtree	424-9300		
Indentification		3630 E. KEMPER RD CINCINNATI, OH 45241-2046						Date 04/22/1999			
	Chemical Family ACIDIC CLEANER DISINFECTANT										
	Chemical Name of Hazardous Ingredient				%	Exposure Limits Units					
II	PHOSPHORIC ACID (7664-38-2)				<9	TLV 1:	1; PEL 1; ST 3 MG/M3 1; PEL 1 MG/M3				
	OXALIC ACID (144-62-7)					3					
Composition/ Information	ALKYLDIMETHYL BENZYL AMMOINIUM CHLORIDE (68424-85-1) DIALKYL DIMETHYL AMMONIUM CHLORIDE (8001-54-5)					1.5	NOT ES	STABLISHED			
on Ingredients						1.0	NOTE	ESTABLISHED			
	CHLORIDE (800	1-54-5)				1.0	NOTES	STABLISHED			
	А	CORROSIV	E TO SKIN A	AND EYES. M	IISTS M	AY CA	USE				
	C SEVERE IRRITATIONS OF NOSE AND THROAT AND Signs U LUND TISSUES AND UPPER RESPIRATORY TRACT.										
	and T MAY BE FATAL IS SWALLOWED.										
	Symptoms c of H SAME AS ACUTE										
III	Exposure ^R _o										
Haz ards	I C										
Identific ation	HMIS: Health 3 Flammability 0 Reactivity 0 Personal Protection C										
	Conditions Aggravated SENSITIVE SKIN; MISTS MAY AGGRAVATE RESPIRATORY DISEASE.										
	Carcinogen Info	NONE						NTP IA	RC	OSHA	
	Target Organs or System										
	Routes of Exposure: Inhalation X Skin X Ingestion X										
	Inhalation REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.										
IV	Eyes IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IMMEDIATELY Skin PROMPTLY FLUSH WITH FRESH WATER FOR AT LEAST 15 MINUTES.										
1 4											
First Aid Measures											
	REMOVE CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION										
	FOR INJURED SKIN. Ingestion GIVE WATER. DO NOT INDUCE VOMITING.										
	GET	MEDICAL A	TTENTION.	NEVER GIV	E ANYT	HING					
	Fire Control	WEAR FUL	L PROTECT	IVE GEAR 1	O PREV						
	Measures/ SELF-CONTAINED BREATHING APPARATUS IN FIRE AREA. Equipment										
V Fire Fighting Measures	Equipment Flammable Property Info										
	Explosion Info CORROSIVE LIQUID. ELEVATED TEMPERATURES MAY CAUSE CONTAINERS TO										
Wiedsuics	DEVELOP PRESSURE AND BURST.										
	Extinguishing Media CO2, FOAM, WATER, DRY CHEMICALS										
	Gases										

L

VI Accidental Measures	Spill and Leak STOP LEAKS AND CONTAIN SPILL. WEAR APPROPRIATE PROTECTIVE EQUIPMENT. LIQUIDS SHOULD BE VACUUMED UP OR ABSORBED WITH CLAY OR SAND. PLACE WASTE IN APPROPRIATE COVERED CONTAINER. NEUTRALIZE Procedures RESIDUE WITH DILUTE ALKALI (SODIUM CARBONATE) AND FLUSH AREA WITH WATER. CERCLA PRODUCT RQ = PHOSPHORIC ACID - 11,363 LBS OR 1,067 GALLONS Environmental Precautions										
	Ventilation Required? YES Instructions PRODUCING NORMAL AIR DILUTION										
VII Handling and Storage	Safe Storage, KEEP AWAY FROM CHLORINATED CLEANERS AND BLEACHES. KEEP Handling CONTAINER CLOSED. DO NOT STORE WITH FOOD, KEEP OUT OF and Use THE REACH OF CHILDREN. Instructions From Children and Children										
	Imcompatible Materials										
	Protective Gloves ACID RESISTANT, RUBBER, OR PVC										
VIII Exposure Controls/ Personal Protection	Eye Protection GOGGLES OR FACE SHIELD										
	Respiratory IF PEL/TLV MAY BE EXCEEDED, USE AN APPROPRIATE NIOSH Protection RESPIRATOR OR FULL FACE PIECE SUPPLIED AIR RESPIRATOR.										
	Other Protective WEAR CHEMICAL APRON WHEN HANDLING CONCENTRATED PRODUCT. EYE Clothing Equipment IN DILUTION AREA.										
IX	Characteristics o of Hazardous Chemcial										
	Vapor Pressure 14.5 MmHg@ 20 °C Vapor Density(Air=1) N/A pH Water Solubility 100 % Appearance & Odor CLEAR, BLUE GREEN LIQUID; SLIGHT PINE-FLORAL ODOR C <t< td=""></t<>										
Physical and Chemical	Boiling Point 214 °F Melting Point °F Flammability Limits in Air By Volume: Upper NONE Lower NONE										
Properties	Flash Point <200 °F Auto Ignition N/A °F Oxidizing Properties										
	Specific Gravity 1.05 Volatile by Volume 85 %										
	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	MaterialsALKALINE MATERIALS, SOFT METALS, OR CHLORINATED CLEANERS. CONTACTTo AvoidWITH ALUMINUM WILL CAUSE CORROSION AND RELEASE HYDROGEN GAS.										
	Hazardous TOXIC OR IRRITATING FUMES OF OXIDES OF CARBON AND NITROGEN.										
XI Toxicological Information											
XII	Possible Effects and Environmental Fate										
Ecological Information XIII Disposal Consideration	Degradability										
	Aquatic Toxicity										
	Method ofUSE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTYDisposal,CONTAINER, TRIPLE RINSE WITH WATER, ADD TO OPERATION.Residues andREMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL.SafeLOCAL, STATE, AND FEDERAL REGULATIONS. SOLUTIONS MAY BE TOXICHandlingTO FISH OR AQUATIC LIFE.										
	Disposal of TOXIC OR IRRITATING FUMES OF OXIDES OF CARBON AND NITROGEN.										
XIV Transport Information	CORROSIVE LIQUID,ACIDIC,INORGANIC,N.O.S.,(PHOSPHORIC ACID),8,UN3264, PG III, ERG#60, NAERG#154										
XV-Regulatory Information XVI-Other Information											
S.A.R.A. Title III Section 313	THIS PRODUCT CONTAINS PHOSPHORIC ACID (7664-38-2) AT 8.5%, AND OXALIC ACID (144-62-7 AT 3%, WHICH ARE SARA REPORTABLE.										
	OXALIC ACID - CAS #144-62-7 PHOSPHORIC ACID - CAS #7664-38-2										
State Right to Know Information	WATER - CAS #7732-18-5 ALKYLDIMETHYL BENZYL AMMONIUM CHLORIDE CAS #68424-85-1 DIALKYL DIMETHYL AMMONIUM CHLORIDE										