



MATERIAL SAFETY DATA SHEET Printed: 02/06/2004

I Chemical Product and Company Indentification II Composition/ Information on Ingredients	PHOSPHORIC A OCTYLPHENOX IODINE COMP ALKYL POLYO POLYOXYPRO COMPLEX (684	XY POLYOXYETHYLENE LEX (11096-42-7) XYETHYLENE PYLENE IODINE	% <20 <10 <15	TLV 1;	Emergency Medical(Collect) Chemtree Date re Limits PEL 1; ST 3 ESTABLISHED	(303) (800)	831-9889 592-1024 424-9300 5/1998 Units MG/M3
III Haz ards Identific ation	Signs CAUSES BURNS TO SKIN AND EYES WITH IRREVERSIBLE EYE DAMAGE. MAY BE FATAL IF SWALLOWED. MIST INHALATION MAY CAUSE SEVERE IRRITATIONS OF NOSE, THROAT, AND POSSIBLE PULMONARY EDEMA OF LUNG TISSUE AND UPPER RESPIRATORY TRACT. Symptoms C of H Symptoms SAME AS ACUTE Symptoms SAME AS ACUTE Symptoms SENSITIVE SKIN AND EYES. MISTS MAY AGGRAVATE RESPIRATORY DISEASE. HMIS: Health 3 Flammability 1 Reactivity 0 Personal Protection C Conditions Aggravated SENSITIVE SKIN AND EYES. MISTS MAY AGGRAVATE RESPIRATORY DISEASE. NTP IARC OSHA Target Organs or System Skin Skin Ingestion S						
IV First Aid Measures	Inhalation REMOVE TO FRESH AIR. GET MEDICAL ATTENTION. Eyes IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. Skin PROMPTLY FLUSH WITH FRESH WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION FOR ANY INJURED SKIN. Ingestion GIVE WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.						
V Fire Fighting Measures	Fire Control Measures/ Equipment WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT WITH ACIDIC SOLUTIONS. Equipment Flammable Property Info Explosion Info TEMPERATURES ABOVE 140 DEGREES F WILL RELEASE IRRITATING IODINE VAPORS. Extinguishing Media CO2, FOAM, DRY CHEMICALS, WATER Gases						

VI Accidental Measures	Spill and LeakCONTAIN SPILLED MATERIAL AND CLEAN UP IMMEDIATELY. LIQUIDS SHOULDLeak Clean UP ProceduresBE VACUUMED UP OR ABSORBED WITH CLAY OR SAND. PLACE WASTE IN 							
	Environmental Precautions							
VII Handling and Storage	Ventilation Required? NONE Instructions PROVIDE ADEQUATE VENTILATION							
	Safe Storage, KEEP FROM FREEZING. USE ONLY IN ACCORDANCE WITH LABEL DIRECTIONS. Handling KEEP CONTAINER CLOSED. DO NOT PRESSURE CONTAINER TO EMPTY. DO NOT and Use CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL. Instructions Storage							
	Imcompatible Materials							
	Protective Gloves RUBBER, PVC, OR ACID RESISTANT							
VIII	Eye Protection FACE SHIELD OR GOGGLES							
Exposure Controls/ Personal Protection	Respiratory Protection USE NIOSH ACID CARTRIDGE RESPIRATOR WITH HIGH EFFICIENCY CHARCOAL FILTER IF TLV IS EXCEEDED.							
	Other Protective WEAR CHEMICAL APRON WHEN HANDLING. SAFETY SHOWER AND EYE WASH. Clothing Equipment							
	Characteristics o of Hazardous Chemcial							
IX Physical and Chemical	Vapor Pressure 21.4 MmHg@ 20 °C Vapor Density(Air=1 N/K pH Water Solubility 100 %							
	Appearance & Odor DARK BROWN LIQUID; SHARP IODINE ODOR Boiling Point °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 Gravity 1.14 Volatile by Volume 61 %							
	Evaporation Rate(n-Butyl Acetate=1) >1							
	Peroxide, Pyrophoric, Unstable or Water Reactive NONE							
Х	Reactivity and Hazardous Polymerization NONE Possible Hazardous Reactions							
	Conditions to Avoid							
Stability and Reactivity	Materials To Avoid DO NOT MIX WITH AMMONIA, BLEACHES, OR CHLORINATED CLEANERS							
	Hazardous IRRITATING IODINE VAPORS Decomposition Products							
XI Toxicological Information								
XII Ecological Information	Possible Effects and Environmental Fate							
	Degradability Aquatic Toxicity							
XIII Disposal Consideration	Method of Disposal, Residues and SafePESTICIDE WASTES ARE ACUTELY HAZARDOUS. IMPROPER DISPOSAL OF EXCESS PESTICIDE SPRAY MIXTURES OR RINSATE IS A VIOLATION OF FEDERAL LAW, IF THESE WASTES CANNOT BE DISPOSED OF BY USE ACCORDING TO LABEL INSTRUCTIONS, CONTACT YOUR STATE PESTICIDE OR ENVIRONMENTAL CONTROL AGENCY, OR THE HAZARDOUS WASTE REPRESENTATIVE AT THE NEAREST EPA REGIONAL OFFICE FOR GUIDANCE.HandlingCERCLA PRODUCT RQ = 27,027 LBS OR 2,845 GAL.							
	Disposal of IRRITATING IODINE VAPORS							
XIV Transport Information	DISINFECTANTS, LIQUID, CORROSIVE,N.O.S.,(PHOSPHORIC ACID), 8, UN1903, PG III, ERG#60, NAERG#153							
XV-Regulatory Information XVI-Other Information								
S.A.R.A. Title III Section 313	THIS PRODUCT CONTAINS PHOSPHORIC ACID (7664-38-2) AT 18.5%, WHICH IS SARA REPORTABLE. ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.							
State Right to Know Information	PHOSPHORIC ACID - CAS #7764-38-2 WATER - CAS #7732-18-5 OCTYLPHENOXY POLYOXYETHYLENE IODINE COMPLEX - CAS #11096-42-7 ALKYL POLYOXYETHYLENE POLYOXYPROPYLENE IODINE COMPLEX - CAS #68439-47-4							