

MATERIAL SAFETY DATA SHEET

OXFORD LUSTREX Product Name Emergency (800)831-9889 I Medical(Collect) 07556470 UPC-A SCC (303)592-1024 Product Code Chemical Product Chemtree (800)424-9300 Manufacturer JOHNSONDIVERSEY INC. and Company 3630 E. KEMPER RD Date 11/05/1993 Indentification **CINCINNATI, OH 45241-2046** ACIDIC CLEANER Chemical Family Units Chemical Name of Hazardous Ingredient **Exposure Limits** PHOSPHORIC ACID (7664-38-2) 29 TLV 1; PEL 1; STEL 3 MG/M3 NITRIC ACID (7697-37-2) TLV 2; PEL 2; STEL 4 MG/M3 Π Composition/ Information on Ingredients CORROSIVE TO SKIN AND EYES. MAY BE HARMFUL IF SWALLOWED. Signs U and Symptoms SAME AS ACUTE Exposure Ш O Haz ards Identific ation HMIS: Health 3 Personal Protection Flammability 0 Reactivity D SENSITIVE EYES AND SKIN; IMPAIRED PULMONARY FUNCTION Conditions Aggravated Carcinogen Info NONE NTP **IARC OSHA** Target Organs or System Routes of Exposure: Inhalation Skin Ingestion X X REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, Inhalation GET MEDICAL ATTENTION. IV Eyes FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. First Aid Measures Skin WASH OFF WITH WATER. DO NOT INDUCE VOMITING. GIVE LARGE AMOUNTS OF WATER. Ingestion CALL A PHYSICIAN. WEAR PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS Fire Control Measures/ (SCUBA) IN FIRE AREA. Equipment V Flammable Property Info Fire Fighting REACTION WITH METALS CAN FORM HYDROGEN. **Explosion Info** Measures Extinguishing Media WATER Gases

Printed: 02/06/2004

VI Accidental Measures	Spill and Leak Clean UP Procedures Procedures PROVIDE GOOD VENTILATION TO AREA USING EXHAUST FANS. PROVIDE SUPPLIED-AIR RESPIRATORS TO CLEANUP PERSONNEL. DIKE AREA TO CONTAIN SPILL; PUMP LIQUID TO SUITABLE CONTAINER. CAREFULLY NEUTRALIZE RESIDUE WITH SODA ASH. FLUSH TO SANITARY SEWER SYSTEM WITH PLENTY OF WATER. PRODUCT R.Q. = 17,094 LBS.
	Environmental Precautions
	Ventilation Required? NO Instructions NORMAL AIR DILUTION
VII Handling and Storage	Safe Storage, Handling and Use Instructions STORE IN A COOL, DRY LOCATION. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.
	Imcompatible Materials
	Protective Gloves RUBBER GLOVES
VIII	Eye Protection FACE SHIELD AND GOGGLES.
Exposure Controls/ Personal Protection	Respiratory Protection Provide NIOSH/MSHA-APPROVED RESPIRATOR IF TLV/PEL LIMITS ARE LIKELY TO BE EXCEEDED.
	Other Protective Clothing AND RUBBER BOOTS ARE RECOMMENDED Clothing Equipment WATER DELUGE SYSTEM.
	Characteristics o of Hazardous Chemcial
IX	Vapor Pressure 1.2 MmHg@ 20 °C Vapor Density(Air=1 0.78 pH Water Solubility 100 %
Physical and Chemical Properties	Appearance & Odor CLEAR TO STRAW-COLORED, THIN LIQUID; CHARACTERISTIC ODOR
	Boiling Point 215 °F Melting Point °F Flammability Limits in Air By Volume: Upper N/K Lower N/K Flash Point NONE °F Auto Ignition N/K °F Oxidizing Properties
	Specific Gravity 1.2 Volatile by Volume 4 %
	Evaporation Rate(n-Butyl Acetate=1) <1
v	Peroxide, Pyrophoric, Unstable or Water Reactive NONE
	Reactivity and Hazardous Polymerization NONE
X	Possible Hazardous Reactions Conditions to Avoid
Stability and Reactivity	Materials ALKALIES, OXIDIZING AGENTS, METALS To Avoid
	Hazardous CO2, CARBON MONOXIDE, OXIDIES OF NITROGEN Decomposition Products
XI Toxicological Information	
XII Ecological Information	Possible Effects and Environmental Fate
	Degradability
	Aquatic Toxicity
XIII Disposal Consideration	Method of Disposal, Residues and Safe Handling TRIPLE RINSE CONTAINER WITH COLD WATER. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.
	Disposal of CO2, CARBON MONOXIDE, OXIDIES OF NITROGEN Contaminated Material
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 PHOSPHORIC ACID, CAS #7664-38-2, AT 29% AND NITRIC ACID, CAS #7697-37-2, AT 3% IN THE FORMULATION. THESE INGREDIENTS ARE SARA REPORTABLE.
State Right to Know Information	WATER - CAS #7732-18-5 PHOSPHORIC ACID - CAS #7664-38-2 NITRIC ACID - CAS #7697-37-2 NONYLPHENOXY POLYETHOXY GLYCOL - CAS #9016-45-9 CITRIC ACID - CAS #77-92-9
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