

MATERIAL SAFETY DATA SHEET

FAC-106 Product Name Emergency (800)831-9889 I 02120470 UPC-A 774205560866 SCC Medical(Collect) (303)592-1024 Product Code Chemical Product Chemtree (800)424-9300 Manufacturer JOHNSONDIVERSEY INC. and Company 3630 E. KEMPER RD 06/10/1996 Date Indentification **CINCINNATI, OH 45241-2046** ACIDIC CLEANER Chemical Family Units Chemical Name of Hazardous Ingredient **Exposure Limits** PHOSPHORIC ACID (7664-38-2) TLV 1; PEL 1; ST 3 MG/M3 26 NITRIC ACID (7647-37-2) TLV 5; PEL 5 MG/M3 16 Π Composition/ Information on Ingredients CAUSES BURNS TO SKIN AND EYES. MISTS ARE CORROSIVE TO SKIN, EYES AND RESPIRATORY TRACT Signs U and Symptoms SAME AS ACUTE Exposure Ш O Haz ards Identific ation HMIS: Health 3 Personal Protection Flammability Reactivity D SENSITIVE EYES, SKIN, IMPAIRED PULMONARY FUNCTION. Conditions Aggravated Carcinogen Info NONE NTP **IARC OSHA** Target Organs or System Routes of Exposure: Inhalation Skin Ingestion X X Inhalation REMOVE TO FRESH AIR IV Eyes FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES, GET MEDICAL ATTENTION. First Aid Measures Skin FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER REMOVE CONTAMINATED CLOTHES AND SHOES Ingestion GIVE WATER. DO NOT INDUCE VOMITING, GET MEDICAL ATTENTION. WEAR SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE GEAR IN Fire Control Measures/ FIRE AREA. Equipment V Flammable Property Info Fire Fighting MATERIAL IS SAFE (NON-REACTIVE) ON STAINLESS STEEL, BUT WILL **Explosion Info** Measures PRODUCE HYDROGEN BY CONTACT WITH OTHER NON-STAINLESS STEEL METALS Extinguishing Media CO2, FOAM Gases

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VI Accidental Measures	Spill and Leak Clean UP Procedures FLUSH SMALL AMOUNTS TO DRAIN; IMPOUND LARGE AMOUNTS AND TREAT WITH NAHCO3, DISCHARGE DRY RESIDUE TO SOLID WASTE. REPORTABLE QUANTITY (R.Q.) OF PRODUCT: 6645 LBS. OR 628 GAL.
	Environmental Precautions
	Ventilation Required? YES Instructions NORMAL AIR DILUTION
VII	Safe Storage, DO NOT PRESSURE CONTAINER TO EMPTY. KEEP CONTAINER CLOSED. Handling IF FROZEN, THAW AND MIX TO MAKE USABLE.
Handling and	and Use
Storage	Instructions ****DOT: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S
	Imcompatible Materials
	Protective Gloves ACID RESISTANT
VIII	Eye Protection FACE SHIELD AND GOGGLES.
Exposure Controls/ Personal Protection	Respiratory Protection WEAR NIOSH APPROVED RESPIRATOR IF TLV/PEL LIMITS ARE EXCEEDED.
	Other Protective Clothing Equipment WEAR CHEMICAL RESISTANT APRON WHEN HANDLING. WATER DELUGE SYSTEM.
IX Physical and Chemical Properties	Characteristics o of Hazardous Chemcial
	Vapor Pressure 17.5 MmHg@ 20 °C Vapor Density(Air=1 N/A pH Water Solubility 100 % Appearance & Odor CLEAR LIQUID; ACIDIC ODOR
	Appearance & Odor CLEAR LIQUID; ACIDIC ODOR Boiling Point 215 °F Melting Point °F Flammability Limits in Air By Volume: Upper NONE Lower NONE
	Flash Point NONE °F Auto Ignition N/A °F Oxidizing Properties
	Specific Gravity 1.26 Volatile by Volume 45 %
	Evaporation Rate(n-Butyl Acetate=1) >1
X	Peroxide, Pyrophoric, Unstable or Water Reactive NONE Reactivity and Hazardous Polymerization NONE
	Possible Hazardous Reactions
	Conditions to Avoid
Stability and Reactivity	Materials To Avoid NON-STAINLESS STEEL METALS, CELLULOSE MATERIALS.
7/1	Hazardous OXIDES OF HYDROGEN, OXYGEN, PHOSPHORUS, NITROGEN Decomposition Products
XI Toxicological Information	
XII	Possible Effects and Environmental Fate
Ecological Information	Degradability
mormation	Aquatic Toxicity Method of USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER
XIII Disposal Consideration	Disposal, Residues and Safe Handling TRIPLE RINSE WITH WATER, ADD TO OPERATION REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL CONTAINS PHOSPHATES
	Disposal of OXIDES OF HYDROGEN, OXYGEN, PHOSPHORUS, NITROGEN Contaminated Material
XIV Transport Information	CONTACT DISTR. DEPT. FOR DESCRIPTION
XV-Regulatory Information XVI-Other Information	
S.A.R.A.	PRODUCT CONTAINS THESE SARA TITLE III SECTION 313 CHEMICALS
Title III Section 313	AS INGREDIENTS IN THE FOLLOWING CONCENTRATIONS: PHOSPHORIC ACID CAS #7664-38-2 AT 26%, NITRIC ACID CAS #7697-37-2 AT 16%.
State Right to Know Information	PHOSPHORIC ACID - CAS #7664-38-2 NITRIC ACID - CAS #7647-37-2 WATER - CAS #7732-18-5