

MATERIAL SAFETY DATA SHEET

PERVAD Product Name Emergency (800)831-9889 I 08334470 SCC Medical(Collect) (303)592-1024 UPC-A 774205560477 Product Code Chemical Product Chemtree (800)424-9300 Manufacturer JOHNSONDIVERSEY INC. and Company 3630 E. KEMPER RD 06/14/1996 Date Indentification **CINCINNATI, OH 45241-2046** ANIONIC ACID SANITIZER Chemical Family **Exposure Limits** Units Chemical Name of Hazardous Ingredient PHOSPHORIC ACID (7664-38-2) 15 TLV 1: PEL 1: STEL 3 MG/M3 Π EPA REGISTERED PRODUCT #875-90 Composition/ Information on Ingredients CAUSES BURNS TO SKIN AND EYES. MISTS CAUSE SEVERE IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT. PULMONARY EDEMA. CAUSES BURNS TO DIGESTIVE TRACT. Signs П DANGER--CORROSIVE. and Symptoms NONE KNOWN Exposure Ш O Haz ards Identific ation HMIS: Health 3 Flammability Reactivity Personal Protection D SENSITIVE SKIN AND EYES. MAY AGGRAVATE RESPIRATORY Conditions Aggravated DISEASE. Carcinogen Info NOT CARCINOGENIC NTP **IARC OSHA** Target Organs or System Routes of Exposure: Inhalation Skin Ingestion X X X REMOVE TO FRESH AIR. IF DIFFICULT BREATHING, GIVE OXYGEN. Inhalation GET MEDICAL ATTENTION. 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 MILK OR WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Fire Control WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE GEAR Measures/ TO PREVENT SKIN CONTACT WITH ACIDIC SOLUTIONS. Equipment V Flammable Property Info Fire Fighting ACIDIC SOLUTIONS **Explosion Info** Measures Extinguishing Media CO2, WATER, WATER FOG Gases

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VI Accidental Measures	Spill and Leak APPROPRIATE COVERED CONTAINER. NEUTRALIZE RESIDUE WITH DILUTE ALKALI AND FLUSH TO SANITARY SEWER. 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, Handling and Use Instructions DO NOT PRESSURE CONTAINER TO EMPTY. KEEP CONTAINER CLOSED. KEEP OUT OF THE REACH OF CHILDREN. WHEN DILUTING, ADD SLOWLY WITH 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 USE APPROVED CARTRIDGE RESPIRATOR TO MAINTAIN PEL/TLV. Protection
	Other Protective ACID RESISTANT CHEMICAL APRON WHEN HANDLING. Clothing Equipment SAFETY SHOWER/EYE WASH.
	Characteristics o of Hazardous Chemcial
IX	Vapor Pressure 22.6 MmHg@ 20 °C Vapor Density(Air=1 N/A pH Water Solubility 100 % Appearance & Odor YELLOW LIQUID; SLIGHT ACIDIC ODOR
Physical and Chemical Properties	Boiling Point 218 °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 1.100 Volatile by Volume 52 %
	Evaporation Rate(n-Butyl Acetate=1) 1. Peroxide, Pyrophoric, Unstable or Water Reactive NONE
	Reactivity and Hazardous Polymerization NONE
X	Possible Hazardous Reactions
Ctobility and	Conditions to Avoid
Stability and Reactivity	Materials To Avoid CONCENTRATED ALKALIS, SOFT METALS, OR CHLORINATED COMPOUNDS
XI	Hazardous SULFUR OXIDES, PHOSPHORUS OXIDES Decomposition Products
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 CONTAINER. TRIPLE RINSE CONTAINER WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE CONTAINER LABEL BEFORE SELLING, DISPOSAL, OR RECYCLE. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. MAY BE TOXIC TO FISH OR AQUATIC LIFE.
	Disposal of SULFUR OXIDES, PHOSPHORUS OXIDES 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 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