



## MATERIAL SAFETY DATA SHEET Printed: 02/06/2004

Ι	Product Name SERVAC Product Code 08344470 UPC-A SCC						Emergency         (800)831-9889           Medical(Collect)         (303)592-1024			
Chemical Product and Company Indentification	Manufacturer JOHNSONDIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046					Chemtree Date	(800)	(800)424-9300 (6/17/1996		
	Chemical Family	LIQUID ACID CI				I				
		Hazardous Ingredient			%	Exposure	e Limits		Units	
	PHOSPHORIC A	e			54	-	PEL 1; STEL 3		MG/M3	
II										
Composition/ Information on Ingredients										
	A       CAUSES BURNS TO SKIN AND EYES. MISTS CAUSE SEVERE         C       IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT,         Signs       U         and       F         Symptoms       C									
III Haz ards	of R Exposure O I C									
Identification	HMIS: Health								D	
	Conditions Aggravated SENSITIVE SKIN AND EYES, MAY AGGRAVATE RESPIRATORY DISEASE.									
	Carcinogen Info NOT CARCINOGENIC NTP IARC						OSHA			
	Target Organs or System									
	-	Routes of Exposure: Inhalation 🕱 Skin 🕱 Ingestion 🕱								
	Inhalation REMOVE TO FRESH AIR. IF DIFFICULT BREATHING, GIVE OXYGEN. GET MEDICAL ATTENTION.									
IV	Eyes IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.									
First Aid Measures	Skin IMMEDIATELY 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.									
V	Fire ControlWEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE GEAR TOMeasures/PREVENT SKIN CONTACT WITH ACIDIC SOLUTIONS.EquipmentFile Control of C									
	Flammable Property Info									
Fire Fighting Measures	Explosion Info STRONG ACIDIC LIQUID									
	Extinguishing Media CO2, FOAM, DRY CHEMICAL, WATER									
	Gases									

VI Accidental Measures	Spill and LeakDIKE SPILL. VACUUM OR ABSORB WITH CLAY OR SAND. PLACE IN AN APPROPRIATE COVERED CONTAINER. NEUTRALIZE RESIDUE WITH DILUTE ALKALI AND FLUSH TO SANITARY SEWER.ProceduresCERCLA PRODUCT RQ = 11,363 LBS OR 1,067 GALLONS								
	Environmental Precautions								
	Ventilation Required? YES Instructions NORMAL AIR DILUTION								
VII Handling and Storage	Safe Storage, Handling and UseDO NOT PRESSURE CONTAINER TO EMPTY. KEEP CONTAINER CLOSED.KEEP OUT OF THE REACH OF CHILDREN. WHEN DILUTING, ADD SLOWLY WITH STIRRING TO AVOID VIOLENT 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 Protection USE APPROVED CARTRIDGE RESPIRATOR TO MAINTAIN PEL/TLV.								
	Other Protective       ACID RESISTANT CHEMICAL APRON WHEN HANDLING         Clothing Equipment       SAFETY SHOWER/EYE WASH								
	Characteristics o of Hazardous Chemcial								
IX	Vapor Pressure       9.56       MmHg@       20       °C       Vapor Density(Air=1)       N/A       pH       Water Solubility       100       %         Appearance & Odor       RED LIQUID; SHARP PUNGENT ODOR       8       8       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9 </td								
Physical and Chemical	Boiling Point 258 °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 1.37 Volatile by Volume 44 %								
	Evaporation Rate(n-Butyl Acetate=1) 1. Peroxide, Pyrophoric, Unstable or Water Reactive NONE								
	Reactivity and Hazardous Polymerization NONE								
Х	Possible Hazardous Reactions								
Stability and	Conditions to Avoid								
Reactivity	Materials To Avoid Hazardous SULFUR OXIDES, PHOSPHORUS OXIDES								
	Hazardous SULFUR OXIDES, PHOSPHORUS OXIDES Decomposition Products								
XI Toxicological Information									
	Possible Effects and Environmental Fate								
Ecological Information	Degradability Aquatic Toxicity								
XIII Disposal Consideration	Method of       USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY         Disposal,       Residues and         Residues and       RECYCLE, DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL         Safe       REGULATIONS. MAY BE TOXIC TO FISH OR AQUATIC LIFE.								
	Disposal of SULFUR OXIDES, PHOSPHORUS OXIDES Contaminated Material								
XIV	Contaminated Material 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 40%.								
State Right to Know Information	PHOSPHORIC ACID - CAS #7664-38-2 WATER - CAS #7732-18-5 SODIUM ALHA OLEFIN SULFONATE - CAS #68439-57-6 C.I. ACID RED 27 DYE - CAS #915-67-3 NONYLPHENOXY POLYETHOXY GLYCOL - CAS #9016-45-9								