



MATERIAL SAFETY DATA SHEET Printed: 02/06/2004

	Product Name	Product Name SENTOL				Emergency (800)831-9889			
Ι	Product Code	e 08343470 UPC-A SCC				Medical(Collect) (303)592-1024			
Chemical Product and Company Indentification	Manufacturer	JOHNSONDIVERSEY IN 3630 E. KEMPER RD CINCINNATI, OH 45241				· ·		00)424-9300 /17/1996	
	Chemical Family	LIQUID ACID CLEAN							
	Chemical Name of	Hazardous Ingredient		%	Exposur	e Limits		Units	
	BUOSBUODICA	CID (7224 20 3)		37	TT V 1.	PEL 1; STEL 3		MG/M3	
II	PHOSPHORIC ACID (7664-38-2) 37 TLV :				11211,	, TEL 1, STEL 5 MO/MS			
Composition/ Information on Ingredients									
	A CAUSES BURNS TO SKIN AND EYES. MISTS CAUSE SEVERE IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT, B U and T E E Symptoms C								
	of H								
III	Exposure o								
Hazards	I C								
Identific ation		HMIS: Health 3 Flammability 0 Reactivity 0 Personal Protection D Conditions Aggravated SENSITIVE SKIN AND EYES, MAY AGGRAVATE RESPIRATORY DISEASE. SENSITIVE SKIN AND EYES, MAY AGGRAVATE RESPIRATORY D							
	Conditions Aggrav								
	Carcinogen Info	NOT CARCINOGENIC				NTP IARC		OSHA	
	Target Organs or S	ystem							
	Routes of Exposure: Inhalation X Skin X Ingestion X								
		EMOVE TO FRESH AIR. IF DIFFICULT BREATHING, SEEK PROMPT MEDICAL TTENTION.							
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, FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHES AND SHOES.								
	Ingestion GIVE WATER. DO NOT INDUCE VOMITING. GET PROMPT MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.								
	Fire Control Measures/ Equipment	WEAR SELF-CONTAINE PREVENT SKIN CONTA				PROTECTIVE GEAR	R TO		
V	Flammable Property Info								
Fire Fighting Measures	Explosion Info STRONG ACIDIC LIQUID								
	Extinguishing Media CO2, FOAM, DRY CHEMICAL, WATER, WATER FOG								
	Gases								

Spill and Leak DIKE SPILL. VACUUM OR ABSORB WITH CLAY OR SAND. PLACE IN AN APPROPRIATE COVERED CONTAINER. NEUTRALIZE RESIDUE WITH DILUTE ALKALI AND FLUSH TO SANITARY SEWER. Procedures CERCLA PRODUCT RQ = PHOSPHORIC ACID - 13,158 LBS OR 1,277 GALLONS							
Environmental Precautions							
Ventilation Required? YES Instructions NORMAL AIR DILUTION							
Safe Storage, HandlingDO NOT PRESSURE CONTAINER TO EMPTY. KEEP CONTAINER CLOSED.Handling and Use InstructionsKEEP OUT OF THE REACH OF CHILDREN. WHEN DILUTING, ADD SLOWLYWITH STIRRING TO AVOID VIOLENT SPLATTERING AND HEAT GENERATION.							
Imcompatible Materials							
Protective Gloves ACID RESISTANT							
Eye Protection GOGGLES WHEN POURING OR SPLASH HAZARD EXISTS							
Respiratory Protection USE APPROVED NIOSH/MSHA RESPIRATOR TO MAINTAIN PEL/TLV OR FOR POTENTIAL EXPOSURES IF REPEATED OR PROLONGED EXPOSURE.							
Other Protective ACID RESISTANT CHEMICAL APRON WHEN HANDLING Clothing Equipment SAFETY SHOWER/EYE WASH							
Characteristics o of Hazardous Chemcial							
Vapor Pressure 12.8 MmHg@ 20 °C Vapor Density(Air=1 N/A pH Water Solubility 100 %							
Appearance & Odor RED LIQUID; SLIGHT ACID ODOR Boiling Point 235 °F Melting Point °F Flammability Limits in Air By Volume: Upper NONE Lower NONE							
Boiling Point 235 °F Melting Point °F Flammability Limits in Air By Volume: Opper NONE Lower NONE Flash Point NONE °F Auto Ignition N/A °F Oxidizing Properties							
Specific Gravity 1.235 Volatile by Volume 62 %							
Evaporation Rate(n-Butyl Acetate=1) >1							
Peroxide, Pyrophoric, Unstable or Water Reactive NONE							
Reactivity and Hazardous Polymerization NONE Possible Hazardous Reactions							
Possible Hazardous Reactions Conditions to Avoid							
Materials CONCENTRATED ALKALIS, SOFT METALS, OR CHLORINATED COMPOUNDS To Avoid Concentrated alkalis, soft metals, or chlorinated compounds							
Hazardous PHOSPHORUS OXIDES Decomposition Products							
Possible Effects and Environmental Fate							
Degradability							
Aquatic Toxicity Method of USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY							
Disposal, Residues and Safe Handling							
Disposal of PHOSPHORUS OXIDES Contaminated Material							
CONTACT DISTR. DEPT. FOR DESCRIPTION							
THIS PRODUCT CONTAINS SARA TITLE III, SECTION 313 CHEMICALS: PHOSPHORIC ACID (7664-38-2) AT 37% ALL CHEMICALS ARE LISTED ON THE TSCA INVENTORY.							
PHOSPHORIC ACID - CAS #7664-38-2 WATER - CAS #7732-18-5 POLYALKOXY GLYCOL - CAS #9003-11-6							