

I Chemical Product and Company Identification	Product Name SUMA ALU PAK P9 4X9CS			Emergency (800)831-9889	
	Product Code 57242410 UPC-A 774205557057 SCC 10774205557054			Medical(Collect) (303)592-1024	
	Manufacturer JOHNSONDIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046			Chemtree (800)424-9300	
				Date 06/08/2002	
Chemical Family MECHANICAL WAREWASHING DETERGENT					
II Composition/ Information on Ingredients	Chemical Name of Hazardous Ingredient SODIUM METASILICATE 6834-92-0		% 22	Exposure Limits OSHA PEL (C) : 2 ACGIH TLV (C) : 2	Units MG/M3 MG/M3
III Hazards Identification	Signs and Symptoms of Exposure	A C U T E C H R O N I C EYES: SEVERE BURNS, TISSUE DAMAGE, OR IRRITATION WITH PAIN, SWELLING, BLURRED OR IMPAIRED VISION, BLINDNESS. SKIN: SEVERE BURNS, TISSUE DESTRUCTION, BLISTERS OR RASH WITH SWELLING AND PAIN. INGESTION: MAY BE FATAL. SEVERE BURNS TO MOUTH AND THROAT MAY RESULT WITH PAIN,			
		GASTRIC PERFORATION AND DIFFICULTY IN SWALLOWING OR BREATHING. INHALATION: SPRAY OR MISTS CAUSE BURNS OR SEVERE IRRITATION TO NOSE, THROAT AND RESPIRATORY TRACT WITH PAIN, CHOKING, AND EXPERIENCE DIFFICULTY IN BREATHING. CHRONIC: SAME AS ACUTE EFFECTS.			
	HMIS: Health 3 Flammability 0 Reactivity 1 Personal Protection B				
	Conditions Aggravated DERMATITIS OR SENSITIVE SKIN.				
	Carcinogen Info NONE NTP IARC OSHA				
	Target Organs or System EYES, SKIN, MOUTH AND ESOPHAGUS.				
	Routes of Exposure: Inhalation ☒ Skin ☒ Ingestion ☒				
IV First Aid Measures	Inhalation	REMOVE TO FRESH AIR AND SEEK MEDICAL ATTENTION. INGESTION CONT: NEVER GIVE FLUIDS BY MOUTH TO AN UNCONSCIOUS PERSON.			
	Eyes	IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MIN. HOLD EYELIDS APART TO COMPLETELY FLUSH ALL CHEMICALS FROM ENTIRE EYE SURFACE. GET IMMEDIATE MEDICAL ATTENTION.			
	Skin	FLUSH THOROUGHLY WITH PLENTY OF WATER. WASH WITH MILD SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES AND CLEAN BEFORE REUSE. GET MEDICAL ATTENTION FOR ANY PAINFUL, RED OR INJURED SKIN			
	Ingestion	IF SWALLOWED, RINSE MOUTH WITH WATER. DILUTE BY DRINKING SEVERAL GLASSES OF WATER. DO NOT INDUCE VOMITING: IF PATIENT VOMITS, RE RINSE MOUTH. GET IMMEDIATE MEDICAL ATTENTION.			
V Fire Fighting Measures	Fire Control Measures/ Equipment	WEAR FULL PROTECTIVE GEAR AND POSITIVE PRESSURE BREATHING APPARATUS (SCBA) IN FIRE AREA.			
	Flammable Property Info	NONE			
	Explosion Info	NONE KNOWN.			
	Extinguishing Media	WATER, WATER SPRAY, CO2, FOAM OR DRY POWDER.			
	Gases	NONE			

VI Accidental Measures	Spill and Leak Clean Up Procedures CONTAIN SPILL. WEAR PROTECTIVE CLOTHING. SOAK UP OR ABSORB LIQUID ON SUITABLE ABSORBENT MATERIAL. COLLECT AND PLACE IN CHEMICAL WASTE CONTAINER. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. FLUSH SPILL AREA WITH WATER. THIS PRODUCT DOES NOT CONTAIN A REPORTABLE QUANTITY (RQ) UNDER CERCLA.	
	Environmental Precaution:	
VII Handling and Storage	Ventilation Required? NONE Instructions NONE REQUIRED.	
	Safe Storage, Handling and Use Instructions	WEAR PROTECTIVE GEAR WHEN USING OR HANDLING. PRODUCT FREEZES BELOW 50 DEG.F. THAW BY WARMING TO 70 DEG.F & MIX FOR USE. ADD PRODUCT SLOWLY WITH MIXING TO WATER OR LIQ.TO AVOID HEAT. DO NOT LET PRODUCT COLLECT ON BOTTOM OF TANK & DO NOT PRESSURE TO EMPTY.
	Incompatible Materials ACIDS	
VIII Exposure Controls/ Personal Protection	Protective Gloves	ALKALI RESISTENT.
	Eye Protection	CHEMICAL GOGGLES IF CONTACT OR SPLASH HAZARD EXISTS.
	Respiratory Protection	USE NIOSH/MSHA APPROVED RESPIRATOR WHERE TLV/PEL MAY BE EXCEEDED.
	Other Protective Clothing Equipment	RUBBER BOOTS & CHEMICAL RESISTANT APRON IF CONTACT OR SPLASH HZRD EXISTS. EYEWASH & SAFETY SHOWER IN AREA IF CONTACT OR SPLASH EXIS
IX Physical and Chemical Properties	Characteristics o of Hazardous Chemical	
	Vapor Pressure N/A	MmHg@ NA °C Vapor Density(Air=1) N/A pH N/A Water Solubility SOL %
	Appearance & Odor WHITE POWDER, CHLORINE ODOR.	
	Boiling Point N/A °F	Melting Point °F Flammability Limits in Air By Volume: Upper N/A Lower N/A
	Flash Point NONE °F	Auto Ignition °F Oxidizing Properties
	Specific Gravity 1.07	Volatile by Volume N/A %
	Evaporation Rate(n-Butyl Acetate=1)	
X Stability and Reactivity	Peroxide, Pyrophoric, Unstable or Water Reactive STABLE	
	Reactivity and Hazardous Polymerization NONE KNOWN.	
	Possible Hazardous Reactions NONE	
	Conditions to Avoid NONE	
	Materials To Avoid	ACIDS
	Hazardous Decomposition Products INCOMPLETE COMBUSTION FORMS; HYDROGEN CHLORIDE; CHLORINE AND CHLORINATED COMPOUNDS; OXIDES OF PHOSPHORUS.	
XI Toxicological Information	NO DATA AVAILABLE.	
XII Ecological Information	Possible Effects and Environmental Fate NO DATA AVAILABLE	
	Degradability	
	Aquatic Toxicity	
XIII Disposal Consideration	Method of Disposal, Residues and Safe Handling ADJUST PH OF DILUTED PRODUCT AND DISCHARGE TO INDUSTRIAL SEWER IN ACCORDANCE WITH DISCHARGE PERMIT OR LOCAL POTW REGULATIONS. USE PRODUCT IN CONTAINER UNTIL EMPTY. TRIPLE RINSE CONTAINER WITH WATER AND ADD TO PROCESS. RECYCLE OR DISPOSE OF CONTAINER ACCORDING TO PRODUCT LABELING OR FEDERAL, STATE OR LOCAL REGULATIONS.	
	Disposal of Contaminated Material	INCOMPLETE COMBUSTION FORMS; HYDROGEN CHLORIDE; CHLORINE AND CHLORINATED COMPOUNDS; OXIDES OF PHOSPHORUS.
XIV Transport Information	DISODIUM TRIOXOSILICATE, MIXTURE, CLASS 8, UN3253, PG III, NAERG NO. 154.	
XV-Regulatory Information		
XVI-Other Information		
S.A.R.A. Title III Section 313	NONE	
State Right to Know Information	SODIUM CARBONATE - CAS #497-19-8 SODIUM TRIPOLYPHOSPHATE - CAS #7758-29-4 NONIONIC SURFACTANT - CAS #9003-11-6 SODIUM METASILICATE - CAS #6834-92-0 SODIUM DICHLOROISOCYANURATE - CAS #2893-78-9	