

I Chemical Product and Company Identification	Product Name SUMA ARMADA K7 PAK 2X8.8CS		Emergency (800)831-9889		
	Product Code 57213288 UPC-A 774205555916 SCC 10774205555913		Medical(Collect) (303)592-1024		
II Composition/ Information on Ingredients	Manufacturer JOHNSONDIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046		Chemtree (800)424-9300		
	Date 06/19/2002		Chemical Family POWDER PRESOAK		
III Hazards Identification	Chemical Name of Hazardous Ingredient SODIUM METASILICATE 6834-92-0		% 1-5	Exposure Limits OSHA PEL (C) : 2 ACGIH TLV (C) :2	Units MG/M3 MG/M3
	Signs and Symptoms of Exposure EYES: BURNS OR SEVERE IRRITATION WITH PAIN, REDNESS AND SWELLING. SKIN: SEVERE IRRITATION OR BURNS WITH RASH, REDNESS, PAIN OR ITCHING. INGESTION: IF SWALLOWED, PAIN NAUSEA, AND VOMITING MAY RESULT. INHALATION: MAY CAUSE IRRITATION OF RESPIRATORY TRACT.				
IV First Aid Measures	Chronic Exposure SAME AS ACUTE EFFECTS.				
	HMIS: Health 2 Flammability 0 Reactivity 0 Personal Protection B				
	Conditions Aggravated DERMATITIS OR SENSITIVE SKIN.				
	Carcinogen Info NONE		NTP	IARC	OSHA
	Target Organs or System EYES, SKIN, MOUTH AND ESOPHAGUS.				
V Fire Fighting Measures	Routes of Exposure: Inhalation <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Ingestion <input checked="" type="checkbox"/>				
	Inhalation REMOVE TO FRESH AIR AND SEEK MEDICAL ATTENTION.				
	Eyes	IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS APART TO COMPLETELY FLUSH ALL CHEMICALS FROM ENTIRE EYE SURFACE. GET IMMEDIATE MEDICAL ATTENTION.			
	Skin	FLUSH SKIN WITH PLENTY OF WATER AND WASH WITH MILD SOAP. REMOVE CONTAMINATED CLOTHES & 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 WATER DO NOT INDUCE VOMITING. CONTACT A PHYSICIAN OR POISON CONTROL CTR NEVER GIVE FLUIDS BY MOUTH TO AN UNCONSCIOUS PERSON.			
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	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 REGULATION 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 AND MIX FOR USE. ADD PRODUCT SLOWLY WITH MIXING TO WATER OR LIQUIDS TO AVOID HEAT, STEAM & SPATTERING. DO NOT ALLOW PRODUCT TO SETTLE OR PRESSURE										
	Incompatible Materials	ACIDS										
VIII Exposure Controls/ Personal Protection	Protective Gloves	ALKALI RESISTANT.										
	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 AND CHEMICAL RESISTANT APRON IF CONTACT OR SPLASH HAZARD EXISTS. EYEWASH AND SAFETY SHOWER IN AREA IF SPLASH EXISTS										
IX Physical and Chemical Properties	Characteristics of Hazardous Chemical											
	Vapor Pressure	N/A	MmHg@	NA	°C	Vapor Density(Air=1)	N/A	pH	N/A	Water Solubility	SOL	%
	Appearance & Odor	LIGHT BLUE POWDER, CHEMICAL ODOR.										
	Boiling Point	N/A	°F	Melting Point	°F	Flammability Limits in Air By Volume: Upper	NONE	Lower	NONE	Oxidizing Properties		
	Flash Point	N/A	°F	Auto Ignition	°F							
	Specific Gravity						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&CHLORINATE COMPOUNDS;OXIDES OF PHOSPHORUS;OXIDES OF NITROGEN AND CARBON.										
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	NOT REGULATED. DISPOSE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.										
	Disposal of Contaminated Material	INCOMPLETE COMBUSTION FORMS;HYDROGEN CHLORIDE,CHLORINE&CHLORINATE COMPOUNDS;OXIDES OF PHOSPHORUS;OXIDES OF NITROGEN AND CARBON.										
XIV Transport Information	COMPOUND CLEANING, OTHER THAN LIQUID, N.O.I.											
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 METALILICATE - CAS #6834-92-0 SODIUM SULFATE - CAS # 7757-82-6 SODIUM TRIPOLYPHOSPHATE 0 CAS #7758-29-4 LINEAR ALKYL BENZENE SULFONATE - CAS #68584-22-5											