

MATERIAL SAFETY DATA SHEET

SUMA ARMADA K7 PAK 2X8 8CS Product Name (800)831-9889 Emergency I 57213288 UPC-A 774205555916 SCC 10774205555913 Medical(Collect) (303)592-1024 Product Code Chemical Product Chemtree (800)424-9300 Manufacturer JOHNSONDIVERSEY INC. and Company 3630 E. KEMPER RD 06/19/2002 Date Indentification **CINCINNATI, OH 45241-2046** POWDER PRESOAK Chemical Family Units Chemical Name of Hazardous Ingredient Exposure Limits SODIUM METASILICATE 6834-92-0 1-5 OSHA PEL (C): 2 MG/M3 ACGIH TLV (C):2 MG/M3 Π Composition/ Information on Ingredients EYES: BURNS OR SEVERE IRRITATION WITH PAIN, REDNESS AND SWELLING. SKIN: SEVERE IRRITATION OR BURNS WITH RASH, Signs REDNESS, PAIN OR ITCHING. INGESTION: IF SWALLOWED, PAIN NAUSEA, AND VOMITING MAY RESULT. INHALATION: MAY CAUSE П and IRRITATION OF RESPIRATORY TRACT. Symptoms SAME AS ACUTE EFFECTS. Exposure Ш O Haz ards Identific ation HMIS: Personal Protection Health Flammability 0 Reactivity В 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 X X Х REMOVE TO FRESH AIR AND SEEK MEDICAL ATTENTION. Inhalation IV 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. First Aid Measures 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 MOOUTH 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. WEAR FULL PROTECTIVE GEAR AND POSITIVE PRESSURE BREATHING Fire Control APPARATUS (SCBA) IN FIRE AREA. Measures/ Equipment V Flammable Property Info NONE Fire Fighting NONE KNOWN. **Explosion Info** Measures Extinguishing Media WATER, WATER SPRAY, CO2, FOAM OR DRY POWDER. NONE Gases

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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 Precautions
	Ventilation Required? NONE Instructions NONE REQUIRED
VII Handling and Storage	Safe Storage, Handling and Use Instructions WEAR PROTECTIVE GEAR WHEN USING OR HANDLING. PRODUCT FREEZES BE- LOW 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
	Imcompatible Materials ACIDS
	Protective Gloves ALKALI RESISTANT.
VIII	Eye Protection CHEMICAL GOGGLES IF CONTACT OR SPLASH HAZARD EXISTS.
Exposure Controls/ Personal Protection	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
	Characteristics o of Hazardous Chemcial
IX	Vapor Pressure N/A MmHg@ NA °C Vapor Density(Air=1] N/A pH N/A Water Solubility SOL %
Physical and Chemical Properties	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
	Boiling Point N/A °F Melting Point °F Flammability Limits in Air By Volume: Upper NONE Lower NONE Flash Point N/A °F Auto Ignition °F Oxidizing Properties
	Specific Gravity Volatile by Volume N/A %
	Evaporation Rate(n-Butyl Acetate=1)
V	Peroxide, Pyrophoric, Unstable or Water Reactive STABLE
	Reactivity and Hazardous Polymerization NONE KNOWN Possible Hazardous Reactions NONE
X	Possible Hazardous Reactions NONE Conditions to Avoid NONE
Stability and	Materials ACIDS.
Reactivity	To Avoid
	Hazardous INCOMPLETE COMBUSTION FORMS; HYDROGEN CHLORIDE, CHLORINE & CHLORINATI COMPOUNDS; OXIDES OF PHOSPHORUS; OXIDES OF NITROGEN AND CARBON.
XI Toxicological Information	NO DATA AVAILABLE
XII	Possible Effects and Environmental Fate NO DATA AVAILABLE
Ecological	Degradability
Information	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