

## MATERIAL SAFETY DATA SHEET

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UNIPAK G-1 Product Name (800)831-9889 Emergency I 09762640 SCC 10774205552240 Medical(Collect) (303)592-1024 UPC-A 774205552243 Product Code Chemical Product Chemtree (800)424-9300 Manufacturer JOHNSONDIVERSEY INC. and Company 3630 E. KEMPER RD 09/22/1993 Date Indentification **CINCINNATI, OH 45241-2046** Chemical Family ALKALINE MACHINE DETERGENT Chemical Name of Hazardous Ingredient Units **Exposure Limits SODIUM HYDROXIDE (1310-73-2)** < 50 TLV C 2; PEL C 2 MG/M3  $\Pi$ Composition/ Information on Ingredients CORROSIVE OR SEVERELY IRRITATING TO ALL BODY TISSUES, INCLUDING SKIN, EYES AND RESPIRATORY TRACT. Signs П and Symptoms SAME AS ACUTE Exposure Ш O Haz ards Identific ation HMIS: Health 3 Flammability 0 Reactivity Personal Protection D PROLONGED CONTACT MAY CAUSE DERMATITIS OR RELATED SKIN Conditions Aggravated CONDITIONS. INHALATION MAY CAUSE RESPIRATORY CONDITION. Carcinogen Info NONE **OSHA** Target Organs or System Routes of Exposure: Inhalation Skin X Ingestion П X REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN Inhalation UNDER DIRECTION OF TRAINED PERSONNEL OR A PHYSICIAN. GET MEDICAL ATTENTION. IV Eyes IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION. First Aid Measures Skin PROMPTLY FLUSH SKIN WITH PLENTY OF WATER. REMOVE AND THOROUGHLY CLEAN OR DISCARD CONTAMINATED CLOTHING AND SHOES. GET MEDICAL ATTENTION FOR ANY PAINFUL, RED OR INJURED SKIN CONTACT AREAS. Ingestion RINSE MOUTH WITH WATER. DILUTE BY DRINKING SEVERAL GLASSES OF WATER. DO NOT INDUCE VOMITING. GET PROMPT MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT WITH CAUSTIC Fire Control SOLUTIONS AND SELF-CONTAINED BREATHING APPARATUS IN FIRE AREA. Measures/ Equipment V Flammable Property Info Fire Fighting NONE **Explosion Info** Measures Extinguishing Media CO2, FOAM, WATER Gases

VI Accidental Measures	Spill and Leak Clean UP Procedures  FLUSH SMALL AMOUNTS TO DRAIN. COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER.  REPORTABLE QUANTITY (R.Q.) OF PRODUCT: 2,100 LBS.
	Environmental Precautions
VII Handling and Storage	Ventilation Required? YES Instructions NO
	Safe Storage, STORE IN DRY PLACE. KEEP CONTAINER CLOSED. Handling and Use Instructions
	Imcompatible Materials
	Protective Gloves ALKALI RESISTANT
VIII	Eye Protection SAFETY GLASSES OR GOGGLES
Exposure Controls/ Personal Protection	Respiratory NONE Protection
	Other Protective CLOTHING AND FOOTWEAR TO PREVENT SKIN CONTACT. Clothing Equipment
IX Physical and Chemical Properties	Characteristics o of Hazardous Chemcial
	Vapor Pressure N/A MmHg@ °C Vapor Density(Air=1 N/A pH Water Solubility 15 %  Appearance & Odor WHITE GRANULAR SOLID; NO ODOR
	Boiling Point N/A °F Melting Point °F Flammability Limits in Air By Volume: Upper NONE Lower NONE
	Flash Point NONE °F Auto Ignition N/A °F Oxidizing Properties
	Specific Gravity N/A Volatile by Volume 0 %
	Evaporation Rate(n-Butyl Acetate=1) <1
X Stability and Reactivity	Peroxide, Pyrophoric, Unstable or Water Reactive HIGH  Reactivity and Hazardous Polymerization NONE
	Possible Hazardous Reactions
	Conditions to Avoid
	Materials To Avoid To
	Hazardous CO, SO2 WITH INCOMPLETE COMBUSTION Decomposition Products
XI Toxicological Information	
XII Ecological Information	Possible Effects and Environmental Fate
	Degradability  A susting Transition
	Aquatic Toxicity  Method of PH ADJUSTMENT; CONTAINS PHOSPHATES, USE UNTIL LESS THAN
XIII Disposal Consideration	Disposal, Residues and Safe Handling  ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE LABEL BEFOR SELLING CONTAINER OR DISPOSAL.
	Disposal of CO, SO2 WITH INCOMPLETE COMBUSTION Contaminated Material
XIV Transport Information	CORROSIVE SOLID,BASIC,INORGANIC,N.O.S., (SODIUM HYDROXIDE),8,UN3262,PG II, ERG#60, NAERG#154
XV-Regulatory Information	
XVI-Other Information S.A.R.A.	ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.
Title III Section 313	ALE CHEWICAE INCREDENTS ARE EIGHED ON THE TOCK EVERTORY.
State Right to Know Information	SODIUM HYDROXIDE - CAS #1310-73-2 SODIUM CARBONATE - CAS #497-19-8 SODIUM TRIPOLYPHOSPHATE - CAS #7758-29-4 SODIUM POLYACRYLATE - CAS #9003-04-7 ALKYL POLYALKOXY GLYCOL - CAS #68154-99-4