

## MATERIAL SAFETY DATA SHEET

D-232 Product Name Emergency (800)831-9889 I 08663210 UPC-A SCC Medical(Collect) (303)592-1024 Product Code Chemical Product Chemtree (800)424-9300 Manufacturer JOHNSONDIVERSEY INC. and Company 3630 E. KEMPER RD 08/03/1994 Date Indentification **CINCINNATI, OH 45241-2046** Chemical Family ALKALINE DETERGENT Units **Exposure Limits** Chemical Name of Hazardous Ingredient CONTAINS ALKALINE SALTS AND N/A NOT ESTABLISHED SOAPS NOT LISTED UNDER OSHA  $\Pi$ **REGULATION 29 CFR 1910.1000** Composition/ Information on Ingredients CAUSES EYE AND SKIN IRRITATION WITH PAIN AND REDNESS OR DRYNESS. MAY BE HARMFUL IF SWALLOWED. CAUSES NAUSEA, VOMITING, PAIN, AND DIARRHEA IF Signs П PRODUCT IS INGESTED. and Symptoms NO KNOWN HAZARDS Exposure Ш O Haz ards Identific ation HMIS: Health 2 Personal Protection Flammability Reactivity  $\mathbf{c}$ SENSITIVE SKIN; PROLONGED CONTACT MAY CAUSE Conditions Aggravated DRYNESS OR DERMATITIS. Carcinogen Info NOT CARCINOGENIC NTP **IARC OSHA** Target Organs or System Routes of Exposure: Inhalation Skin X Ingestion X X Inhalation REMOVE TO FRESH AIR IV Eyes FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. First Aid Measures Skin FLUSH WITH PLENTY OF WATER. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION. REMOVE CONTAMINATED CLOTHES AND SHOES. CLEAN BEFORE REUSE. Ingestion GIVE SEVERAL GLASSES OF WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. WEAR PROTECTIVE FIRE FIGHTING GEAR AND SELF-CONTAINED BREATHING Fire Control Measures/ APPARATUS IN FIRE AREA. Equipment V Flammable Property Info Fire Fighting NOT A COMBUSTIBLE PRODUCT **Explosion Info** Measures Extinguishing Media WATER, WATER FOG, CO2, DRY CHEMICALS Gases

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VI Accidental Measures	Spill and Leak Clean UP Procedures  SWEEP UP SMALL AMOUNTS OR FLUSH TO SANITARY SEWER. COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER. CAUSES SLIPPERY SURFACES. CLEAN AND WASH SPILL AREAS.
	Environmental Precautions
	Ventilation Required? NONE Instructions USUALLY NOT REQUIRED
VII Handling and Storage	Safe Storage, Handling and Use Instructions  STORE IN A COOL, DRY AREA. KEEP CONTAINER CLOSED TO PREVENT CAKING. KEEP OUT OF THE REACH OF CHILDREN.
	Imcompatible Materials
	Protective Gloves RUBBER, PVC, OR CHEMICAL RESISTANT
VIII	Eye Protection SIDE SHIELDED SAFETY GLASSES OR CHEMICAL GOGGLES
Exposure Controls/ Personal Protection	Respiratory NOT USUALLY REQUIRED. Protection
	Other Protective CLOTHING TO PREVENT SKIN CONTACT. EYE WASH IN USE AREA. Clothing Equipment
	Characteristics o of Hazardous Chemcial
IX	Vapor Pressure 0.1 MmHg@ 20 °C Vapor Density(Air=1 N/A pH Water Solubility N/A %
Physical and Chemical Properties	Appearance & Odor  ORANGE GRANULAR POWDER; WINTERGREEN 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 NONE °F Auto Ignition N/A °F Oxidizing Properties
	Specific Gravity 59#CF Volatile by Volume N/A %
	Evaporation Rate(n-Butyl Acetate=1) N/
X	Peroxide, Pyrophoric, Unstable or Water Reactive NONE
	Reactivity and Hazardous Polymerization NONE  Possible Hazardous Reactions
	Conditions to Avoid
Stability and Reactivity	Materials ACIDS To Avoid
7//	Hazardous OXIDES OF CARBON WITH THERMAL COMBUSTION Decomposition Products
XI Toxicological Information	
XII	Possible Effects and Environmental Fate
Ecological Information	Degradability
Information	Aquatic Toxicity  Method of PH ADJUSTMENT. USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER,
XIII Disposal Consideration	Disposal, Residues and Safe Handling  NO CERCLA REPORTABLE QUANTITY HAS BEEN ESTABLISHED FOR THIS PRODUCT.
	Disposal of OXIDES OF CARBON WITH THERMAL COMBUSTION Contaminated Material
XIV	CONTACT DISTR. DEPT. FOR DESCRIPTION
Transport Information	
XV-Regulatory Information XVI-Other Information	
S.A.R.A. Title III Section 313	ALL CHEMICALS ARE ON TSCA INVENTORY. CONTAINS NO SARA TITLE III, SECTION 313 REPORTABLE CHEMICALS.
State Right to Know Information	SODIUM METASILICATE - CAS #6834-92-0 TRISODIUM PHOSPHATE - CAS #7601-54-9 SODIUM DODECYLBENZENE SULFONATE - CAS #25155-30-0 SODIUM CARBONATE - CAS #497-19-8 SODIUM TRIPOLYPHOSPHATE - CAS #7758-29-4