

## MATERIAL SAFETY DATA SHEET

**EDGE NP** Product Name Emergency (800)831-9889 I 08371470 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 12/22/1997 Date Indentification **CINCINNATI, OH 45241-2046** LAUNDRY DETERGENT LIQUID Chemical Family Chemical Name of Hazardous Ingredient Units **Exposure Limits SODIUM HYDROXIDE (1310-73-2)** 6 TLV C 2; PEL C 2 MG/M3  $\Pi$ SODIUM DODECYLBENZENESULFONATE <3 NONE ESTABLISHED Composition/ Information (25155-30-0)on Ingredients CORROSIVE TO SKIN AND EYES. MISTS ARE CORROSIVE TO SKIN, EYES, AND RESPIRATORY TRACTS. HARMFUL IF SWALLOWED. Signs П and Symptoms SAME AS ACUTE Exposure Ш O Haz ards Identific ation HMIS: Health 3 Personal Protection Flammability 0 Reactivity D SENSITIVE EYES, SKIN, IMPAIRED PULMONARY FUNCTION. Conditions Aggravated Carcinogen Info NONE NTP **IARC OSHA** Target Organs or System Routes of Exposure: Inhalation Skin X Ingestion П X Inhalation IF INHALED, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION. IV Eyes FLUSH THOROUGHLY WITH FRESH WATER, FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IMMEDIATELY. First Aid Measures Skin FLUSH WITH FRESH WATER FOR AT LEAST 15 MINUTES. WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION. GIVE WATER, DO NOT INDUCE VOMITING. GET MEDICAL Ingestion ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND SCBA. Fire Control Measures/ Equipment V Flammable Property Info Fire Fighting NONE - CORROSIVE LIQUID **Explosion Info** Measures Extinguishing Media CO2, FOAM, DRY CHEMICALS Gases

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VI Accidental Measures	Spill and Leak Clean UP Procedures  FLUSH SMALL AMOUNTS TO DRAIN AFTER NEUTRALIZATION WITH DILUTE MINERAL ACIDS. COLLECT AND RETURN LARGE AMOUNTS TO AN APPROPRIATE COVERED CONTAINER. TREAT AS A SOLID HAZARDOUS WASTE.  CERCLA RQ = 16,500 LBS OR 1,750 GAL.
	Environmental Precautions
VII Handling and Storage	Ventilation Required? NO Instructions NORMAL AIR DILUTION
	Safe Storage, Handling and Use Instructions  Handling and Use Instructions
	Imcompatible Materials
VIII Exposure Controls/ Personal Protection	Protective Gloves ALKALI RESISTANT, RUBBER OR PVC
	Eye Protection FACE SHIELD, SAFETY GLASSES, SPLASH GOGGLES
	Respiratory Protection Respiratory Protection Respirator IF EXPOSURE LIMITS ARE EXCEEDED.
	Other Protective CHEMICALLY IMPERVIOUS CLOTHING AND FOOTWEAR; SAFETY SHOWER/EYE WASH IN USE AREA.
	Characteristics o of Hazardous Chemcial
IX	Vapor Pressure 20.4 MmHg@ 20 °C Vapor Density(Air=1 >1 pH Water Solubility 100 %
Physical and Chemical Properties	Appearance & Odor WHITE OPAQUE LIQUID; MILD ODOR  Boiling Point 232 °F Melting Point °F Flammability Limits in Air By Volume: Upper NONE Lower NONE
	Boiling Point 232 °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 1.17 Volatile by Volume 16 %
	Evaporation Rate(n-Butyl Acetate=1) >1
X Stability and Reactivity	Peroxide, Pyrophoric, Unstable or Water Reactive LOW
	Reactivity and Hazardous Polymerization NONE  Possible Hazardous Reactions
	Conditions to Avoid
	Materials FLAMMABLE LIQUIDS, ACTIVE METALS, ORGANIC HALOGEN COMPOUNDS,
	To Avoid STRONG ACIDS CAUSE VIOLENT REACTIONS AND HYDROGEN GAS.  Hazardous CO2 WITH INCOMPLETE COMBUSTION. H2 GAS IF PRODUCT
	Decomposition Products CONTACTS ALUMINUM.
XI Toxicological Information	
XII Ecological	Possible Effects and Environmental Fate  Degradability
Information	Aquatic Toxicity
XIII Disposal Consideration	Method of Disposal, Residues and Safe Handling Handling  (CONTAINS NO PHOSPHATES) USE UNTIL LESS THAN ONE INCH REAMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE CONTAINER WITH WATER. DISPOSE IN A MANNER CONSISTENT WITH LOCAL, STATE, AND FEDERAL REGULATIONS, REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL. PH ADJUSTMENT BEFORE DISPOSAL. SOLUTIONS MAY BE TOXIC TO AQUATIC LIFE. DO NOT DISCHARGE TO LAKES, STREAMS, PONDS.
	Disposal of CO2 WITH INCOMPLETE COMBUSTION. H2 GAS IF PRODUCT CONTACTS ALUMINUM.
XIV Transport Information	CORROSIVE LIQUID,BASIC,INORGANIC,N.O.S.,(SODIUM HYDROXIDE),8,UN3266,PG II, ERG#60, NAERG#154
XV-Regulatory Information XVI-Other Information	
S.A.R.A.	
Title III Section 313	ALL CHEMICAL INGREDIENTS ARE ON TSCA INVENTORY.
State Right to Know Information	TETRASODIUM ETHYLENEDIAMINE TETRAACETATE - CAS #64-02-8 SODIUM HYDROXIDE - CAS #1310-73-2 POLYACRYLAMIDE POLYMER - CAS #9003-06-9 WATER - CAS #7732-18-5 NONYLPHENOXY POLYETHOXY GLYCOL - CAS #9016-45-9