

MATERIAL SAFETY DATA SHEET

LAUD Product Name Emergency (800)831-9889 I 08542803 SCC Medical(Collect) (303)592-1024 UPC-A 774205552632 Product Code Chemical Product Chemtree (800)424-9300 Manufacturer JOHNSONDIVERSEY INC. and Company 3630 E. KEMPER RD 03/10/1999 Date Indentification **CINCINNATI, OH 45241-2046** HIGH ALKALINE LAUNDRY DETERGENT Chemical Family Chemical Name of Hazardous Ingredient Units **Exposure Limits** SODIUM DODECYL BENZENE SULFONATE NOT ESTABLISHED <2 (25155-30-0) Π **SODIUM METASILICATE (6834-92-0)** <20 NOT ESTABLISHED **SODIUM CARBONATE (497-19-8)** NOT ESTABLISHED Composition/ <60 Information on Ingredients IRRITATES OR BURNS EYES AND SKIN. DUSTS MAY IRRITATE RESPIRATORY TRACT. MAY BE HARMFUL IF SWALLOWED, CAUSING DIARRHEA, VOMITING. Signs П and Symptoms NO KNOWN CHRONIC HAZARDS. Exposure Ш O Haz ards Identific ation HMIS: Health 2 Flammability Reactivity Personal Protection В DERMATITIS OR SENSITIVE SKIN. INHALED DUST OR SPRAY Conditions Aggravated MAY AGGRAVATE RESPIRATORY DISEASE. Carcinogen Info NONE NTP **IARC OSHA** Target Organs or System Routes of Exposure: Inhalation Skin X Ingestion П X IF INHALED, REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, Inhalation GET MEDICAL ATTENTION. IV Eyes FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES, GET MEDICAL ATTENTION. First Aid Measures Skin FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION. Ingestion GIVE WATER, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND SELF Fire Control Measures/ CONTAINED BREATHING APPARATUS. Equipment V Flammable Property Info Fire Fighting NONE **Explosion Info** Measures Extinguishing Media CO2, DRY CHEMICAL, WATER Gases

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| VI Accidental Measures | Spill and Leak Clean UP Procedures SWEEP UP OR VACUUM FOLLOWED BY WATER RINSE. FLUSH SMALL AMOUNTS TO SANITARY SEWER. LARGE AMOUNTS SHOULD BE PACKAGED AND DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS. CERCLA PRODUCT RQ: NO REPORTABLE QUANTITY. |
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| | Environmental Precautions |
| | Ventilation Required? YES Instructions NORMAL AIR DILUTION |
| VII Handling and Storage | Safe Storage, Handling and Use Instructions KEEP CONTAINER CLOSED. DRY INDOOR STORAGE. RETAIN PACKAGE INTEGRITY. KEEP AWAY FROM ACIDS. DO NOT STORE WITH FOOD. |
| | Imcompatible Materials |
| | Protective Gloves RUBBER, PVC OR OTHER CHEMICAL RESISTANT |
| VIII | Eye Protection SIDE SHIELD SAFETY GLASSES, SPLASH GOGGLES, FACESHIELD |
| Exposure Controls/ Personal Protection | Respiratory Protection Respiratory Protection USUALLY NOT REQUIRED. MONITOR AREAS FOR CONTAMINATION IF SYMPTOMS OF OVEREXPOSURE ARE EVIDENT. |
| | Other Protective CHEMICALLY IMPERVIOUS CLOTHING AND FOOTWEAR. SAFETY SHOWER/EYE WASH IN USE AREA. |
| IX Physical and Chemical Properties | Characteristics o of Hazardous Chemcial |
| | Vapor Pressure 0.1 MmHg@ 20 °C Vapor Density(Air=1 N/A pH Water Solubility 23 % |
| | Appearance & Odor WHITE TO TAN FREE-FLOWING POWDER; DETERGENT ODOR Boiling Point N/A °F Melting Point °F Flammability Limits in Air By Volume: Upper N/A Lower N/A |
| | Boiling Point N/A °F Melting Point °F Flammability Limits in Air By Volume: Upper N/A Lower N/A Flash Point NONE °F Auto Ignition N/A °F Oxidizing Properties |
| | Specific Gravity 66#F3 Volatile by Volume 0 % |
| | Evaporation Rate(n-Butyl Acetate=1) N/ |
| X Stability and Reactivity | Peroxide, Pyrophoric, Unstable or Water Reactive NONE |
| | Reactivity and Hazardous Polymerization NONE KNOWN |
| | Possible Hazardous Reactions |
| | Conditions to Avoid Materials CONCENTRATED MINERAL ACIDS WILL CAUSE RELEASE OF CO2. AVOID |
| | Materials CONCENTRATED MINERAL ACIDS WILL CAUSE RELEASE OF C02. AVOID FLAMMABLE LIQUIDS, ORGANIC HALOGENS AND MOSITURE AS WELL. Hazardous OXIDES OF CARBON AND SULFUR. |
| | Decomposition Products |
| XI Toxicological Information | |
| XII | Possible Effects and Environmental Fate |
| Ecological | Degradability |
| Information | Aquatic Toxicity |
| XIII Disposal Consideration | Method of Disposal, Residues and Safe Handling Method of Disposal, Residues and Safe Adjustment with dilute mineral actions before Disposal. Disposals Adjustment with dilute mineral actions before Disposal. Do Not DISCHARGE TO LAKES, STREAMS, PONDS AS SOLUTIONS MAY BE TOXIC TO AQUATIC LIFE. |
| | Disposal of OXIDES OF CARBON AND SULFUR. Contaminated Material |
| XIV Transport Information | COMPOUND CLEANING, OTHER THAN LIQUID, N.O.I. |
| XV-Regulatory Information | |
| XVI-Other Information | ALL CHEMICAL INCDEDIENTS ADELLICTED ON THE TSCALINGENTODY. |
| S.A.R.A. Title III Section 313 | ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY. |
| State Right to Know Information | SODIUM CARBONATE - CAS #497-19-8 SODIUM METASILICATE - CAS #6834-92-0 SODIUM TRIPOLYPHOSPHATE - CAS #7758-29-4 ETHOXYLATED ALCOHOL - CAS #68002-97-1 SODIUM DODECYLE BENZENE SULFONATE - CAS #25155-30-0 |