

MATERIAL SAFETY DATA SHEET

POWERZYME LIQUID 3 BL1 Product Name Emergency (800)831-9889 I UPC-A 774205555084 SCC Medical(Collect) (303)592-1024 01024470 Product Code Chemical Product Chemtree (800)424-9300 Manufacturer JOHNSONDIVERSEY INC. and Company 3630 E. KEMPER RD 01/31/2001 Date Indentification **CINCINNATI, OH 45241-2046** LIQUID ENZYMATIC LAUNDRY DETERGENT Chemical Family Chemical Name of Hazardous Ingredient Units **Exposure Limits** PROTENSE(ENZYME) NOT ESTABLISHED CAS#- 9001-62-1 Π Composition/ Information on Ingredients EYE: IRRITANT. SKIN: NON-IRRITANT. INGESTION: MAY CAUSE DISCOMFORT AND DIARRHEA. INHALATION: POSSIBLE IRRITANT. Signs U and Symptoms SAME AS ACUTE Exposure Ш O Haz ards Identific ation HMIS: Health 2 Flammability Personal Protection Reactivity В NAV Conditions Aggravated Carcinogen Info NTP **IARC OSHA** Target Organs or System NONE KNOWN Routes of Exposure: Inhalation Skin X Ingestion X X Inhalation MOVE PERSON TO FRESH AIR. IF SEVERE CONTACT A PHYSICIAN IV Eyes RINSE IMMEDIATELY WITH WATER. CONTINUE RINSING WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN First Aid Measures Skin WASH WITH WATER. IF IRRITATION PERSISTS, CONTACT A PHYSICIAN Ingestion DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH IF PERSON IS UNCONSCIOUS. CONTACT A PHYSICIAN IMMEDIATELY WEAR A SELF CONTAINED BREATHING APPARATUS WITH FULL PROTECTIVE Fire Control Measures/ EQUIPMENT. PACKAGE WILL BURN BEFORE PRODUCT Equipment V Flammable Property Info OXIDES OF CARBON Fire Fighting **Explosion Info** Measures Extinguishing Media DRY CHEMICAL OR WATER OR CO2 SPRAY Gases NA

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| VI Accidental Measures | Spill and Leak Clean UP Procedures CONTAIN SPILL, MOP UP PRODUCT FOLLOWED BY WATER RINSE.FLUSH SMALL AMOUNTS TO SANITATION SEWER. LARGE AMOUNTS SHOULD BE DISPOSED OF IN ACCORDANCE TO FEDERAL, STATE, AND LOCAL REGULATIONS |
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| | Environmental Precautions |
| VII Handling and Storage | Ventilation Required? NORMAL Instructions |
| | Safe Storage, Handling and Use Instructions KEEP CONTAINER CLOSED. KEEP FROM FREEZING TO MAINTIAN OPTIMUM ENZYME ACTIVITY |
| | Imcompatible Materials NAV |
| | Protective Gloves IMPERMEABLE |
| VIII | Eye Protection SAFETY GLASSES |
| Exposure Controls/ Personal Protection | Respiratory NOT NORMALLY REQUIRED Protection |
| | Other Protective Clothing Equipment OSHA MAY REQUIRE SAFETY SHOWERS IN AREAS WHERE CHEMICALS ARE USED |
| IX Physical and Chemical Properties | Characteristics o of Hazardous Chemcial |
| | Vapor Pressure NAV MmHg@ °C Vapor Density(Air=1 NAV pH 6.5-8 Water Solubility 100 % Appearance & Odor OPAQUE BLUE LIQUID, SOAP ODOR |
| | Boiling Point 212 °F Melting Point °F Flammability Limits in Air By Volume: Upper NAV Lower NAV |
| | Flash Point NAV °F Auto Ignition °F Oxidizing Properties |
| | Specific Gravity 1.025 Volatile by Volume % |
| X Stability and Reactivity | Evaporation Rate(n-Butyl Acetate=1) Peroxide, Pyrophoric, Unstable or Water Reactive NA |
| | Reactivity and Hazardous Polymerization NA |
| | Possible Hazardous Reactions NA |
| | Conditions to Avoid KEEP FROM FREEZING Materials STRONG ACIDS AND OXIDIZING AGENTS To Avoid |
| | Hazardous CO2, CO Decomposition Products |
| XI Toxicological Information | |
| XII | Possible Effects and Environmental Fate NOT KNOWN |
| Ecological | Degradability NOT KNOWN |
| Information | Aquatic Toxicity NOT KNOWN |
| XIII Disposal Consideration | Method of Disposal, Residues and Safe Handling |
| | Disposal of CO2, CO Contaminated Material |
| XIV | COMPOUNDS, CLEANING, N.O.I., LIQUID |
| Transport Information | |
| XV-Regulatory Information XVI-Other Information | |
| S.A.R.A. Title III Section 313 | NONE |
| State Right to Know Information | PROPYLENE GLYCOL- CAS# 57-55-6 SODIUM METHYL ESTER SULFONATE- CAS# 149456-07-01 WATER- CAS# 7732-18-5 LINEAR ALCOHOL ETHOXYLATE- CAS# 68002-97-1 BORIC ACID- CAS# 10043-35-3 |
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