

MATERIAL SAFETY DATA SHEET

POWERZYME LIQUID 3 BL1 Product Name Emergency (800)831-9889 I 01024100 UPC-A 774205555107 SCC Medical(Collect) (303)592-1024 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

Printed: 02/06/2004

VIII Handling and Storage VIII Exposure Controls/Personal Protection IX Physical and Chemical Properties Properties XI Stability and Reactivity X Stability and Reactivity X Toxicological Information XII Excological Ventilation Safe Storag Handling and Use Instructions Imcompative Eye Protection Characteri Vapor Prevappearance Boiling Por Flash Poin Specific Government of Evaporation Materials To Avoid Hazardous Decomposition XI Toxicological Information XII Possible Excological Degradabi	Gloves IMPERMEABLE Stion SAFETY GLASSES NOT NORMALLY REQUIRED Ctive OSHA MAY REQUIRE SAFETY SHOWERS IN AREAS WHERE CHEMICALS ARE USED quipment Stics o of Hazardous Chemcial SSURE NAV MmHg@ °C Vapor Density(Air=1 NAV pH 6.5-8 Water Solubility 100 % ee & Odor OPAQUE BLUE LIQUID, SOAP ODOR
VII Handling and Storage Protective Eye Protection VIII Exposure Controk/Personal Protection IX Physical and Chemical Properties Properties X Stability and Reactivity X Stability and Reactivity X Toxicological Information XII Exposure Controk/Protection Other Protection Characteri Vapor Prescapporation Respiratory Protection Other Protection	e, KEEP CONTAINER CLOSED. KEEP FROM FREEZING TO MAINTIAN OPTIMUM ENZYME ACTIVITY sible Materials NAV Gloves IMPERMEABLE tion SAFETY GLASSES NOT NORMALLY REQUIRED ctive OSHA MAY REQUIRE SAFETY SHOWERS IN AREAS WHERE CHEMICALS ARE USED quipment stics o of Hazardous Chemcial ssure NAV MmHg@ °C Vapor Density(Air=1 NAV pH 6.5-8 Water Solubility 100 % re & Odor OPAQUE BLUE LIQUID, SOAP ODOR
Handling and Storage Handling and Use Instructions Imcompation Protective Eye Protection Other Protection Other Protection IX Physical and Chemical Properties Properties Personale Properties Appearance Boiling Portection Specific Gorel Evaporation Peroxide, Internation XI Stability and Reactivity Associated Hazardous Decomposition XI Toxicological Information XII Possible Ecological Degradabi	ENZYME ACTIVITY Solution SAFETY GLASSES
VIII Exposure Controls/ Personal Protection Other Protection Ot	Gloves IMPERMEABLE tion SAFETY GLASSES NOT NORMALLY REQUIRED Cive OSHA MAY REQUIRE SAFETY SHOWERS IN AREAS WHERE CHEMICALS ARE USED quipment stics o of Hazardous Chemcial ssure NAV MmHg@ °C Vapor Density(Air=1 NAV pH 6.5-8 Water Solubility 100 % re & Odor OPAQUE BLUE LIQUID, SOAP ODOR
Exposure Controls/ Personal Protection TX Physical and Chemical Properties Properties Personale Protection TX Physical and Chemical Properties Properties TX Stability and Reactivity Toxicological Information XII Possible Ecological	SAFETY GLASSES NOT NORMALLY REQUIRED Ctive OSHA MAY REQUIRE SAFETY SHOWERS IN AREAS WHERE CHEMICALS ARE USED quipment Stics o of Hazardous Chemcial SSURE NAV MmHg@ °C Vapor Density(Air=1 NAV pH 6.5-8 Water Solubility 100 % re & Odor OPAQUE BLUE LIQUID, SOAP ODOR
Exposure Controls/ Personal Protection Other Pr	NOT NORMALLY REQUIRED ctive OSHA MAY REQUIRE SAFETY SHOWERS IN AREAS WHERE CHEMICALS ARE USED stics o of Hazardous Chemcial ssure NAV MmHg@ °C Vapor Density(Air=1 NAV pH 6.5-8 Water Solubility 100 % see & Odor OPAQUE BLUE LIQUID, SOAP ODOR
Protection Other Protection Other Protection Other Protection Other Protection Other Protection Clothing Ed Vapor Pre- Appearance Boiling Po Flash Poin Specific G Evaporation Peroxide, J Reactivity X Stability and Reactivity Appearance Peroxide, J Reactivity Conditions Materials To Avoid Hazardous Decomposi XI Toxicological Information XII Possible E Ecological Degradabi	ctive OSHA MAY REQUIRE SAFETY SHOWERS IN AREAS WHERE CHEMICALS ARE USED quipment stics o of Hazardous Chemcial ssure NAV MmHg@ °C Vapor Density(Air=1 NAV pH 6.5-8 Water Solubility 100 % re & Odor OPAQUE BLUE LIQUID, SOAP ODOR
IX Physical and Chemical Properties IX Physical and Chemical Properties Properties IX Boiling Potentian Specific General Evaporation Reactivity IX Stability and Reactivity IX Stability and Reactivity IX	stics o of Hazardous Chemcial ssure NAV MmHg@ °C Vapor Density(Air=1 NAV pH 6.5-8 Water Solubility 100 % see & Odor OPAQUE BLUE LIQUID, SOAP ODOR
Physical and Chemical Properties Properties Properties Flash Point Specific Gevaporation Peroxide, Materials To Avoid Hazardous Decompositions Toxicological Information XII Ecological Possible Editions Peroxide, Materials To Avoid Hazardous Decompositions Peroxide, Materials To Avoid Hazardous Decompositions Decompositions Peroxide Peroxide, Materials To Avoid Hazardous Decompositions Decompositions Decompositions Peroxide Per	ssure NAV MmHg@ °C Vapor Density(Air=1 NAV pH 6.5-8 Water Solubility 100 % ee & Odor OPAQUE BLUE LIQUID, SOAP ODOR
Physical and Chemical Properties Properties Properties Flash Point Specific Grave Evaporation Reactivity X Stability and Reactivity Reactivity Appearance Boiling Portion Specific Grave Evaporation Reactivity X Stability and Reactivity Materials To Avoid Hazardous Decomposity XI Toxicological Information XII Possible Expression Degradabity Possible Expression Degradabity	ee & Odor OPAQUE BLUE LIQUID, SOAP ODOR
Physical and Chemical Properties Properties Properties Plash Poin Specific GEvaporation Peroxide, JEVAPORATION Reactivity Possible HECOnditions Materials To Avoid Hazardous Decomposi XI Toxicological Information XII Ecological Degradabi	
Properties Flash Poin Specific G Evaporatio Peroxide, J Reactivity X Possible H Conditions Materials To Avoid Hazardous Decomposi XI Toxicological Information XII Ecological Degradabi Flash Poin Reactivity Possible E Degradabi	oint 212 °F Melting Point °F Flammability Limits in Air By Volume: Upper NAV Lower NAV
Evaporation Peroxide, J Reactivity X Possible H Conditions Materials To Avoid Hazardous Decomposi XI Toxicological Information XII Ecological Degradabi	• • • • • • • • • • • • • • • • • • • •
X Stability and Reactivity Reactivity To Avoid Toxicological Information XI Ecological Ecological Peroxide, Reactivity Conditions Materials To Avoid Hazardous Decomposi Possible E Degradabi	ravity 1.025 Volatile by Volume %
X Stability and Reactivity Stability and Reactivity Stability and Reactivity Materials To Avoid Hazardous Decomposi XI Toxicological Information XII Ecological Degradabi	on Rate(n-Butyl Acetate=1) Pyrophoric, Unstable or Water Reactive NA
X Stability and Reactivity Stability and Reactivity Materials To Avoid Hazardous Decomposi XI Toxicological Information XII Ecological Degradabi	and Hazardous Polymerization NA
Stability and Reactivity Materials To Avoid Hazardous Decomposi XI Toxicological Information XII Ecological Degradabi	lazardous Reactions NA
Hazardous Decomposi XI Toxicological Information XII Possible E Ecological Degradabi	S to Avoid KEEP FROM FREEZING STRONG ACIDS AND OXIDIZING AGENTS
Toxicological Information XII Possible E Ecological Degradabi	CO2, CO tion Products
XII Possible E Ecological Degradabi	
7.0 0	ffects and Environmental Fate NOT KNOWN
Information A To	lity NOT KNOWN
Aquatic 10	oxicity NOT KNOWN
Method of Disposal, Residues at Safe Disposal Handling	NORMAL UNDER FEDERAL, STATE OR LOCAL REGULATIONS ad
Consideration	
Disposal of Contamina	CO2, CO ated Material
111	UNDS, CLEANING, N.O.I., LIQUID
Transport Information	
XV-Regulatory Information XVI-Other Information	
S.A.R.A. Title III Section 313	
State WATER-	ENE GLYCOL- CAS# 57-55-6 METHYL ESTER SULFONATE- CAS# 149456-07-01 CAS# 7732-18-5 ALCOHOL ETHOXYLATE- CAS# 68002-97-1 CID- CAS# 10043-35-3