

## MATERIAL SAFETY DATA SHEET

SUMA DEGREASER Product Name Emergency (800)831-9889 I 90089 UPC-A 770128900895 SCC 10770128900892 Medical(Collect) (303)592-1024 Product Code Chemical Product Chemtree (800)424-9300 Manufacturer JOHNSONDIVERSEY INC. and Company 3630 E. KEMPER RD 05/31/2000 Date Indentification **CINCINNATI, OH 45241-2046 DEGREASER** Chemical Family Units Chemical Name of Hazardous Ingredient **Exposure Limits** HYDROTREATED NAPTHA 64742-48-0 <5 NOT ESTABLISHED SODIUM DODECYLBENZENE SULFONATE  $\Pi$ NOT ESTABLISHED 25155-30-0 22 DIETHYLENE GLYCOL MONOBUTYL ETHER Composition/ Information 112-34-5 10 NOT ESTABLISHED on Ingredients CORROSIVE TO SKIN AND EYES. MISTS ARE CORROSIVE TO SKIN EYES AND RESPIRATORY TRACT. Signs U and Symptoms SAME AS ACUTE EFFECTS. Exposure Ш O Haz ards Identific ation HMIS: Health 1 Personal Protection Flammability 2 Reactivity В SENSITIVE SKIN. Conditions Aggravated Carcinogen Info NONE NTP **IARC OSHA** Target Organs or System Routes of Exposure: Inhalation Skin X Ingestion X X Inhalation REMOVE TO FRESH AIR AND SEEK MEDICAL ATTENTION. IV Eyes IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. First Aid Measures Skin FLUSH SKIN WITH PLENTY OF WATER. REMOVE AND LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. GET MEDICAL ATTENTION FOR IRRITATION OR INJURY. Ingestion DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NOTE: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. WEAR FULL PROTECTIVE GEAR AND POSITIVE PRESSURE BREATHING Fire Control Measures/ APPARATUS (SCBA) IN FIRE AREA. Equipment V Flammable Property Info NONE Fire Fighting NONE KNOWN. **Explosion Info** Measures Extinguishing Media USE MEDIA SUITABLE FOR SURROUNDING MATERIALS. NONE Gases

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VI Accidental Measures	Spill and Leak Clean UP Procedures    Spill and Leak (RQ) UNDER CERCLA.   FLUSH SMALL AMOUNTS TO DRAIN. COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER. THIS PRODUCT DOES NOT CONTAIN A REPORTABLE QUANTITY
	Environmental Precautions
VII Handling and Storage	Ventilation Required? NONE Instructions NOT USUALLY REQUIRED.
	Safe Storage, Handling and Use Instructions  STORE AT AMBIENT ROOM TEMPERATURE. AVOID CONTACT WITH HEAT OR MOISTURE.
	Imcompatible Materials STRONG ACIDS, STRONG OXIDIZERS.
	Protective Gloves IMPERMEABLE.
VIII	Eye Protection FACE SHIELD OR GOGGLES.
Exposure Controls/ Personal Protection	Respiratory NOT NORMALLY REQUIRED. Protection
	Other Protective NOT NORMALLY REQUIRED. Clothing Equipment
IX Physical and Chemical Properties	Characteristics o of Hazardous Chemcial
	Vapor Pressure N/A MmHg@ NA °C Vapor Density(Air=1 N/A pH 3.5 Water Solubility 100 %  Appearance & Odor RED CLEAR LIQUID; FLORAL ODOR.
	Boiling Point N/A °F Melting Point °F Flammability Limits in Air By Volume: Upper Lower
	Flash Point 152.6 °F Auto Ignition °F Oxidizing Properties
	Specific Gravity 1.057 Volatile by Volume N/A %
	Evaporation Rate(n-Butyl Acetate=1)
X Stability and Reactivity	Peroxide, Pyrophoric, Unstable or Water Reactive STABLE
	Reactivity and Hazardous Polymerization NONE KNOWN.  Possible Hazardous Reactions NONE
	Conditions to Avoid NONE
	Materials STRONG OXIDIZING AND REDUCING AGENTS. To Avoid
	Hazardous OXIDES OF CARBON, HYDROGEN AND SULFUR. Decomposition Products
XI Toxicological Information	NO DATA AVAILABLE.
XII Ecological Information	Possible Effects and Environmental Fate NO DATA AVAILABLE.
	Degradability
	Aquatic Toxicity
XIII Disposal Consideration	Method of Disposal, Residues and Safe Handling  USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER, TRIPLE RINSE WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL. DISPOSE IN A MANNER CONSISTENT WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
	Disposal of OXIDES OF CARBON, HYDROGEN AND SULFUR. Contaminated Material
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.	NONE
S.A.K.A. Title III Section 313	
State Right to Know Information	WATER - CAS #7732-18-5 ETHOXLATED ALCOHOL - CAS #66455-14-9 SODIUM DODECYLBENZENE SULFONATE - CAS #25155-30-0 DIETHYLENE GLYCOL MONOBUTYL ETHER - CAS #112-34-5 CITRIC ACID - CAS #77-92-9