

## MATERIAL SAFETY DATA SHEET

SUMA DESCALER Product Name Emergency (800)831-9889 I 90006 UPC-A 770128900062 SCC 10770128900069 Medical(Collect) (303)592-1024 Product Code Chemical Product Chemtree (800)424-9300 Manufacturer JOHNSONDIVERSEY INC. and Company 3630 E. KEMPER RD 04/14/2000 Date Indentification **CINCINNATI, OH 45241-2046** Chemical Family DISHWASH DESCALER Units **Exposure Limits** Chemical Name of Hazardous Ingredient PHOSPHORIC ACID 7664-38-2 >30 1 MG/M3 NITRIC ACID 5 MG/M3 7697-37-2 10  $\Pi$ Composition/ Information 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 3 Personal Protection Flammability 0 Reactivity  $\mathbf{c}$ 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 WATER, WATER SPRAY, CO2, FOAM OR DRY POWDER. NONE Gases

Printed: 02/06/2004

| VI<br>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<br>Handling and<br>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 ALKALI, REDUCING AGENT.  |
|   | Protective Gloves ALKALI RESISTENT.  |
| VIII                                      | Eye Protection FACE SHIELD OR GOGGLES.   |
| Exposure Controls/<br>Personal Protection | Respiratory NOT NORMALLY REQUIRED. Protection  |
|   | Other Protective WEAR CHEMICAL RESISTENT APRON WHEN HANDLING. Clothing Equipment   |
| IX  | Characteristics o of Hazardous Chemcial  |
|   | Vapor Pressure N/A MmHg@ NA °C Vapor Density(Air=1 N/A pH 2.0 Water Solubility 100 %  Appearance & Odor LIGHT BROWN CLEAR LIQUID; SLIGHT AMINE ODOR.   |
| Physical and Chemical<br>Properties       | Boiling Point 212 °F Melting Point °F Flammability Limits in Air By Volume: Upper Lower  |
|   | Flash Point N/A °F Auto Ignition °F Oxidizing Properties   |
|   | Specific Gravity 1.225 Volatile by Volume N/A %  |
|   | Evaporation Rate(n-Butyl Acetate=1)  |
| X<br>Stability and<br>Reactivity          | Peroxide, Pyrophoric, Unstable or Water Reactive STABLE  Reactivity and Hazardous Polymerization NONE KNOWN.   |
|   | Possible Hazardous Reactions NONE  |
|   | Conditions to Avoid NONE   |
|   | Materials STRONG ALKALIS, REDUCING AGENTS. To Avoid  |
| N/I                                       | Hazardous OXIDES OF CARBON, PHOSPHORUS AND NITROGEN. Decomposition Products  |
| XI<br>Toxicological Information           | NO DATA AVAILABLE.   |
| XII<br>Ecological<br>Information          | Possible Effects and Environmental Fate NO DATA AVAILABLE.   |
|   | Degradability  |
|   | Aquatic Toxicity  Method of USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER,  |
| XIII<br>Disposal<br>Consideration         | Disposal, Residues and Safe Handling  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 Contaminated Material  OXIDES OF CARBON, PHOSPHORUS AND NITROGEN.  |
| XIV<br>Transport Information              | CORROSIVE LIQUID,ACIDIC,INORGANIC,N.O.S.,(PHOSPHORIC ACID),8,UN3264, PG III, ERG#60, NAERG#154   |
| XV-Regulatory Information                 |  |
| XVI-Other Information S.A.R.A.            | NONE   |
| Title III<br>Section 313                  | TOTAL  |
| State<br>Right to Know<br>Information     | PHOSPHORIC ACID - CAS #7664-38-2<br>NITRIC ACID - CAS #7697-37-2<br>NONIONIC SURFACTANT - CAS #68551-13-3<br>CORROSION INHIBITOR - PROPRIETARY<br>WATER - CAS #7732-18-5   |
|   |  |