

## MATERIAL SAFETY DATA SHEET

ASSIST Product Name Emergency (800)831-9889 I 08340100 SCC Medical(Collect) (303)592-1024 UPC-A 774205550560 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** Chemical Family LAUNDRY BUILDER Units Chemical Name of Hazardous Ingredient **Exposure Limits SODIUM HYDROXIDE (1310-73-2)** <30 TLV C 2; PEL C 2 MG/M3 TRISODIUM NITRILOTRIACETATE NOT ESTABLISHED <5  $\Pi$ (5064-31-3)Composition/ Information on Ingredients CORROSIVE TO SKIN AND EYES MISTS ARE CORROSIVE TO SKIN, EYES AND RESPIRATORY TRACT Signs and Symptoms CONTAINS NTA SALTS THAT ARE REPORTED IN HIGH DOSES IN ANIMAL TESTS TO CAUSE CANCER. NTA HAS NOT BEEN REPORTED TO CAUSE CANCER IN HUMANS. Exposure Ш O Haz ards Identific ation HMIS: Health 3 Flammability 0 Reactivity Personal Protection D SENSITIVE SKIN, EYES, IMPAIRED PULMONARY FUNCTION. Conditions Aggravated Carcinogen Info TRISODIUM NITRILOTRIACETATE NTP X **IARC** OSHA X Target Organs or System Routes of Exposure: Inhalation Skin X Ingestion X X Inhalation IF INHALED, REMOVE TO FRESH AIR. 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 FOR AT LEAST 15 MINUTES. WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. Ingestion GIVE WATER, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND SCBA. Fire Control Measures/ Equipment V Flammable Property Info Fire Fighting NONE **Explosion Info** Measures Extinguishing Media CO2, DRY CHEMICALS, WATER Gases

Printed: 02/06/2004

| VI<br>Accidental Measures                               | Spill and Leak MINERAL ACIDS OR SODIUM BICARBONATE. COLLECT AND RETURN LARGE AMOUNTS TO AN APPROPRIATE CONTAINER AND TREAT AS HAZARDOUS WASTE.   |
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|   | Environmental Precautions  |
| VII<br>Handling and<br>Storage                          | Ventilation Required? WORK SITE Instructions NO  |
|   | Safe Storage, Handling and Use Instructions  DO NOT PRESSURE CONTAINER TO EMPTY. IF FROZEN, THAW AND MIX TO MAKE USABLE. KEEP AWAY FROM ACIDS. KEEP CONTAINER CLOSED.  |
|   | Imcompatible Materials   |
| 1   | Protective Gloves ALKALI RESISTANT   |
| VIII  | Eye Protection SAFETY GLASSES, FACE SHIELD   |
| Exposure Controls/<br>Personal Protection               | Respiratory Protection  WEAR NIOSH APPROVED RESPIRATOR IF TLV/PEL LIMITS ARE EXCEEDED.   |
|   | Other Protective CHEMICALLY IMPERVIOUS CLOTHING; SAFETY SHOWER/EYE WASH. Clothing Equipment  |
| IX Physical and Chemical Properties                     | Characteristics o of Hazardous Chemcial  |
|   | Vapor Pressure 20.0 MmHg@ 20 °C Vapor Density(Air=1] N/A pH 12.2 Water Solubility 100 %  |
|   | Appearance & Odor CLEAR YELLOW LIQUID; NO ODOR  Boiling Point 224 °F Melting Point °F Flammability Limits in Air By Volume: Upper NONE Lower NONE  |
|   | Flash Point NONE °F Auto Ignition N/A °F Oxidizing Properties  |
|   | Specific Gravity 1.302 Volatile by Volume 68 %   |
|   | Evaporation Rate(n-Butyl Acetate=1) >1   |
| X<br>Stability and<br>Reactivity                        | Peroxide, Pyrophoric, Unstable or Water Reactive MODERATE  Reactivity and Hazardous Polymerization NONE  |
|   | Possible Hazardous Reactions   |
|   | Conditions to Avoid  |
|   | Materials To Avoid |
|   | Hazardous OXIDES OF CARBON, HYDROGEN GAS Decomposition Products  |
| XI<br>Toxicological Information                         |  |
| XII Ecological Information  XIII Disposal Consideration | Possible Effects and Environmental Fate  |
|   | Degradability  Aquatic Toxicity  |
|   | Method of USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER   |
|   | Disposal, TRIPLE RINSE WITH WATER, ADD TO OPERATION  DEMONSOR OF DEFACE LARGE REPORT SELLING CONTAINED OF DISPOSAL   |
|   | Residues and Safe Safe Safe Residues and Safe CONSULT LOCAL OR STATE REGULATIONS REGARDING HAZARDOUS   |
|   | Handling WASTE DISPOSAL.   |
|   | CERCLA RQ: 3,846 LBS. OR 355 GALLONS   |
|   | Disposal of OXIDES OF CARBON, HYDROGEN GAS Contaminated Material   |
| XIV<br>Transport Information                            | R.Q.,CORROSIVE LIQUID,BASIC,INORGANIC, N.O.S.,(SODIUM HYDROXIDE),8,UN3266, PG II<br>, ERG NO.60, NAERG NO. 154   |
| XV-Regulatory Information                               |  |
| XVI-Other Information                                   | NOVE.  |
| S.A.R.A.<br>Title III<br>Section 313                    | NONE<br>ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.   |
| State<br>Right to Know<br>Information                   | SODIUM HYDROXIDE - CAS #1310-73-2 TRISODIUM NITRILOTRIACETATE - CAS #5064-31-3 WATER - CAS #7732-18-5 SODIUM POLYACRYLATE - CAS #9003-01-4 SODIUM GLUCOHEPTONATE - CAS #13007-85-7   |
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