

MATERIAL SAFETY DATA SHEET

Effective: 11/07/2001

| I - Chemical Product and Company Identification | Product Name CONCENTRATED ALL 50#BAG Product Code 2979216 Distributor DiverseyLever Institutional Manufacturer JOHNSON DIVERSEY INC. 3630 E. KEMPER RD CINCINNATI | | Emergency (800)831-9889 Medical(Collect) (303)592-1024 Chemtrec (800)424-9300 Printed 11/14/2002 | | | | | | | | | |
|---|--|---|---|--------------------------------|-------|---|-----------------|--|---------|-----------------|--|--|
| | Chemical Family LAUNDRY DETERGENT | | | | | | | | | | | |
| II - Composition/Information on Ingredients | Chemical Name of Hazardous Ingredient ALCOHOL ETHOXYLATE 68002-97-1 SODIUM SILICATE 1344-09-8 | <table border="1"> <thead> <tr> <th>%</th> <th>Exposure Limits</th> <th>Units</th> </tr> </thead> <tbody> <tr> <td><5%</td> <td>NOT ESTABLISHED</td> <td></td> </tr> <tr> <td><5%</td> <td>NOT ESTABLISHED</td> <td></td> </tr> </tbody> </table> | % | Exposure Limits | Units | <5% | NOT ESTABLISHED | | <5% | NOT ESTABLISHED | | |
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| III - Hazards Identification | <table border="1"> <tr> <td rowspan="2">Signs and Symptoms of Exposure</td> <td>Acute</td> <td colspan="3">NO IRRITATION TO SKIN WITH NORMAL USE, MAY IRRITATE EYES. INHALATION OF MIST MAY CAUSE UPPER RESPIRATORY IRRITATION. INGESTION MAY CAUSE GASTRIC DISTRESS WITH NAUSEA, VOMITING AND DIARRHEA.</td> </tr> <tr> <td>Chronic</td> <td colspan="3">NONE KNOWN.</td> </tr> </table> <p>HMIS: Health 2 Flammability 0 Reactivity 0 Personal Protection B</p> <p>Conditions Aggravated SENSITIVE SKIN.</p> <p>Carcinogen Info NONE NTP IARC OSHA</p> <p>Target Organs or Systems</p> <p>Routes of Exposure: Inhalation <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Ingestion <input checked="" type="checkbox"/></p> | | | Signs and Symptoms of Exposure | Acute | NO IRRITATION TO SKIN WITH NORMAL USE, MAY IRRITATE EYES. INHALATION OF MIST MAY CAUSE UPPER RESPIRATORY IRRITATION. INGESTION MAY CAUSE GASTRIC DISTRESS WITH NAUSEA, VOMITING AND DIARRHEA. | | | Chronic | NONE KNOWN. | | |
| Signs and Symptoms of Exposure | Acute | NO IRRITATION TO SKIN WITH NORMAL USE, MAY IRRITATE EYES. INHALATION OF MIST MAY CAUSE UPPER RESPIRATORY IRRITATION. INGESTION MAY CAUSE GASTRIC DISTRESS WITH NAUSEA, VOMITING AND DIARRHEA. | | | | | | | | | | |
| | Chronic | NONE KNOWN. | | | | | | | | | | |
| IV - First Aid Measures | <p>Inhalation REMOVE TO FRESH AIR AND SEEK MEDICAL ATTENTION.</p> <p>Eyes IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.</p> <p>Skin FLUSH SKIN WITH PLENTY OF WATER. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION.</p> <p>Ingestion DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NOTE: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.</p> | | | | | | | | | | | |
| V - Fire Fighting Measures | <p>Fire Control WEAR FULL PROTECTIVE GEAR AND POSITIVE PRESSURE BREATHING APPARATUS (SCBA) IN FIRE AREA.</p> <p>Measures/ Equipment</p> <p>Flammable Property Info NONE</p> <p>Explosion Info NONE KNOWN</p> <p>Extinguishing Media WATER, WATER SPRAY, CO2, FOAM OR DRY POWDER.</p> <p>Gases</p> | | | | | | | | | | | |

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| VI—Accidental Measures | Spill and Leak Clean Up Procedures FLUSH SMALL AMOUNTS TO DRAIN. COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER. THIS PRODUCT DOES NOT CONTAIN A REPORTABLE QUANTITY (RQ) UNDER CERCLA. |
| | Environmental Precautions |
| VII—Handling and Storage | Ventilation Required? NONE Instructions NONE REQUIRED Safe Storage, Handling and Use Instructions STORE AT AMBIENT ROOM TEMPERATURE. AVOID CONTACT WITH HEAT OR MOISTURE. Incompatible Materials STRONG ACIDS, STRONG OXIDIZERS. |
| VIII—Exposure Controls/Personal Protection | Protective Gloves IMPERMEABLE Eye Protection SAFETY GLASSES. Respiratory Protection NOT NORMALLY REQUIRED. Other Protective Clothing/Equipment NOT NORMALLY REQUIRED. |
| IX—Physical and Chemical Properties | Characteristics of Hazardous Chemical Vapor Pressure N/A mmHg @ NA °C Vapor Density (Air=1) N/A pH N/A Water Solubility SOL % Appearance & Odor WHITE POWDER PERFUME ODOR Boiling Point N/A °F Melting Point °F Flammability Limits in Air by Volume: Upper NONE Lower NONE Flash Point N/A °F Auto Ignition °F Oxidizing Properties Specific Gravity .63 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 to Avoid STRONG ACIDS, STRONG OXIDIZERS. Hazardous Decomposition Products NONE KNOWN. |
| XI—Toxicological Information | NO DATA AVAILABLE. |
| XII—Ecological Information | Possible Effects and Environmental Fate NO DATA AVAILABLE. Degradability Aquatic Toxicity |
| XIII—Disposal Considerations | Method of Disposal, Residues and Safe Handling DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REQUIREMENTS. Disposal of Contaminated Material |
| XIV—Transport Information | COMPOUND CLEANING, OTHER THAN LIQUID, N.O.I. |
| XV—Regulatory Information | |
| XVI—Other Information | |
| SARA Title III Section 313 | NONE |
| State Right to Know Information | SODIUM SILICATE — CAS #1344 09-8 EXTHOXYLATED ALCOHOL — CAS #68002-97-1 SODIUM CARBONATE — CAS #497-19-8 SODIUM SULFATE — CAS #7757-82-8 WATER — CAS #7732-18-5 |