



# MATERIAL SAFETY DATA SHEET

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|                                                                                                                                                              |                                                                                                          |                                                                                                                          |                                                                                                |                       |             |
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| I<br><br>Chemical Product<br>and Company<br>Identification                                                                                                   | Product Name <b>DIVERSEY DECLARE PLUS</b>                                                                |                                                                                                                          | Emergency <b>(800)831-9889</b>                                                                 |                       |             |
|                                                                                                                                                              | Product Code <b>09493260</b> UPC-A 774205552304    SCC 10774205552301                                    |                                                                                                                          | Medical(Collect) <b>(303)592-1024</b>                                                          |                       |             |
|                                                                                                                                                              | Manufacturer <b>JOHNSONDIVERSEY INC.</b><br><b>3630 E. KEMPER RD</b><br><b>CINCINNATI, OH 45241-2046</b> |                                                                                                                          | Chemtree <b>(800)424-9300</b><br><br>Date <b>06/10/1996</b>                                    |                       |             |
|                                                                                                                                                              | Chemical Family <b>MACHINE DISHWASH CLEANER - CHLORINATED</b>                                            |                                                                                                                          |                                                                                                |                       |             |
| II<br><br>Composition/<br>Information<br>on Ingredients                                                                                                      | Chemical Name of Hazardous Ingredient<br><b>SODIUM HYDROXIDE (1310-73-2)</b>                             | %<br><b>20</b>                                                                                                           | Exposure Limits<br><b>TLV C 2; PEL C 2</b>                                                     | Units<br><b>MG/M3</b> |             |
| III<br><br>Hazards<br>Identification                                                                                                                         | Signs<br>and<br>Symptoms<br>of<br>Exposure                                                               | <div style="writing-mode: vertical-rl; transform: rotate(180deg);">ACUTE CHRONIC</div>                                   | <b>CAUSES BURNS TO SKIN AND EYES. DUSTS ARE CORROSIVE TO SKIN, EYES AND RESPIRATORY TRACT.</b> |                       |             |
|                                                                                                                                                              |                                                                                                          |                                                                                                                          | <b>SAME AS ACUTE</b>                                                                           |                       |             |
|                                                                                                                                                              | HMIS:    Health <b>3</b> Flammability <b>0</b> Reactivity <b>1</b> Personal Protection <b>D</b>          |                                                                                                                          |                                                                                                |                       |             |
|                                                                                                                                                              | Conditions Aggravated <b>SENSITIVE SKIN.</b>                                                             |                                                                                                                          |                                                                                                |                       |             |
|                                                                                                                                                              | Carcinogen Info <b>NONE</b>                                                                              |                                                                                                                          | <b>NTP</b>                                                                                     | <b>IARC</b>           | <b>OSHA</b> |
|                                                                                                                                                              | Target Organs or System                                                                                  |                                                                                                                          |                                                                                                |                       |             |
| Routes of Exposure:    Inhalation <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Ingestion <input checked="" type="checkbox"/> |                                                                                                          |                                                                                                                          |                                                                                                |                       |             |
| IV<br><br>First Aid Measures                                                                                                                                 | Inhalation                                                                                               | <b>IF INHALED, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.</b>                                                           |                                                                                                |                       |             |
|                                                                                                                                                              | Eyes                                                                                                     | <b>FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES, GET MEDICAL ATTENTION.</b>                                 |                                                                                                |                       |             |
|                                                                                                                                                              | Skin                                                                                                     | <b>FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER REMOVE CONTAMINATED CLOTHES AND SHOES</b>                            |                                                                                                |                       |             |
|                                                                                                                                                              | Ingestion                                                                                                | <b>GIVE WATER, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.</b> |                                                                                                |                       |             |
| V<br><br>Fire Fighting<br>Measures                                                                                                                           | Fire Control<br>Measures/<br>Equipment                                                                   | <b>NONE</b>                                                                                                              |                                                                                                |                       |             |
|                                                                                                                                                              | Flammable Property Info                                                                                  |                                                                                                                          |                                                                                                |                       |             |
|                                                                                                                                                              | Explosion Info                                                                                           | <b>EXTREMELY HIGH TEMPERATURES COULD BREAK DOWN INORGANIC CHLORINE RELEASING AGENT.</b>                                  |                                                                                                |                       |             |
|                                                                                                                                                              | Extinguishing Media                                                                                      | <b>CO2, FOAM, DRY CHEMICALS</b>                                                                                          |                                                                                                |                       |             |
|                                                                                                                                                              | Gases                                                                                                    |                                                                                                                          |                                                                                                |                       |             |

|                                                |                                                                                                                                                                                                                                                                       |                             |                                                                           |                                 |    |                              |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------|---------------------------------|----|------------------------------|
| VI<br>Accidental Measures                      | Spill and Leak Clean UP Procedures<br><b>SWEEP UP OR FLUSH SMALL AMOUNTS TO DRAIN; COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER. NEUTRALIZE RESIDUE.</b>                                                                                                             |                             |                                                                           |                                 |    |                              |
|                                                | Environmental Precautions                                                                                                                                                                                                                                             |                             |                                                                           |                                 |    |                              |
| VII<br>Handling and Storage                    | Ventilation Required? <b>YES</b> Instructions <b>NO</b>                                                                                                                                                                                                               |                             |                                                                           |                                 |    |                              |
|                                                | Safe Storage, Handling and Use Instructions<br><b>STORE IN A DRY PLACE. KEEP COVER ON CONTAINER. KEEP AWAY FROM ACIDS OR HEAT SOURCES.</b><br><b>****DOT: CORROSIVE SOLID, BASIC, INORGANIC, N.O.S (SODIUM</b>                                                        |                             |                                                                           |                                 |    |                              |
|                                                | Incompatible Materials                                                                                                                                                                                                                                                |                             |                                                                           |                                 |    |                              |
| VIII<br>Exposure Controls/ Personal Protection | Protective Gloves <b>ALKALI RESISTANT</b>                                                                                                                                                                                                                             |                             |                                                                           |                                 |    |                              |
|                                                | Eye Protection <b>FACE SHIELD, SIDE SHIELD SAFETY GLASSES</b>                                                                                                                                                                                                         |                             |                                                                           |                                 |    |                              |
|                                                | Respiratory Protection <b>IF PEL/TLV MAY BE EXCEEDED, USE A NIOSH APPROVED HIGH EFFICIENCY PARTICULATE FILTER.</b>                                                                                                                                                    |                             |                                                                           |                                 |    |                              |
|                                                | Other Protective Clothing Equipment <b>NONE</b>                                                                                                                                                                                                                       |                             |                                                                           |                                 |    |                              |
| IX<br>Physical and Chemical Properties         | Characteristics o of Hazardous Chemical                                                                                                                                                                                                                               |                             |                                                                           |                                 |    |                              |
|                                                | Vapor Pressure <b>N/A</b>                                                                                                                                                                                                                                             |                             | MmHg@ <b>°C</b>                                                           | Vapor Density(Air=1) <b>N/A</b> | pH | Water Solubility <b>29</b> % |
|                                                | Appearance & Odor <b>WHITE POWDER; MILD CHLORINE ODOR.</b>                                                                                                                                                                                                            |                             |                                                                           |                                 |    |                              |
|                                                | Boiling Point <b>N/A</b> °F                                                                                                                                                                                                                                           | Melting Point <b>°F</b>     | Flammability Limits in Air By Volume: Upper <b>NONE</b> Lower <b>NONE</b> |                                 |    |                              |
|                                                | Flash Point <b>NONE</b> °F                                                                                                                                                                                                                                            | Auto Ignition <b>N/A</b> °F | Oxidizing Properties                                                      |                                 |    |                              |
|                                                | Specific Gravity <b>1.15</b>                                                                                                                                                                                                                                          |                             |                                                                           | Volatile by Volume <b>0</b> %   |    |                              |
|                                                | Evaporation Rate(n-Butyl Acetate=1) <b>&lt;1</b>                                                                                                                                                                                                                      |                             |                                                                           |                                 |    |                              |
| X<br>Stability and Reactivity                  | Peroxide, Pyrophoric, Unstable or Water Reactive <b>MODERATE</b>                                                                                                                                                                                                      |                             |                                                                           |                                 |    |                              |
|                                                | Reactivity and Hazardous Polymerization <b>NONE</b>                                                                                                                                                                                                                   |                             |                                                                           |                                 |    |                              |
|                                                | Possible Hazardous Reactions                                                                                                                                                                                                                                          |                             |                                                                           |                                 |    |                              |
|                                                | Conditions to Avoid                                                                                                                                                                                                                                                   |                             |                                                                           |                                 |    |                              |
|                                                | Materials To Avoid <b>FLAMMABLE LIQUIDS, ACTIVE METALS, ORGANIC HALOGEN COMPOUNDS, STRONG ACIDS CAUSE VIOLENT REACTIONS.</b>                                                                                                                                          |                             |                                                                           |                                 |    |                              |
|                                                | Hazardous Decomposition Products <b>CO WITH INCOMPLETE COMBUSTION. MAY RELEASE CHLORINE GASES WHEN MIXED WITH ACIDS, OR ABOVE 250 DEGREES F.</b>                                                                                                                      |                             |                                                                           |                                 |    |                              |
| XI<br>Toxicological Information                |                                                                                                                                                                                                                                                                       |                             |                                                                           |                                 |    |                              |
| XII<br>Ecological Information                  | Possible Effects and Environmental Fate                                                                                                                                                                                                                               |                             |                                                                           |                                 |    |                              |
|                                                | Degradability                                                                                                                                                                                                                                                         |                             |                                                                           |                                 |    |                              |
|                                                | Aquatic Toxicity                                                                                                                                                                                                                                                      |                             |                                                                           |                                 |    |                              |
| XIII<br>Disposal Consideration                 | Method of Disposal, Residues and Safe Handling<br><b>PH ADJUSTMENTS; NEUTRALIZATION OF AVAILABLE CHLORINE WITH SODIUM THIOSULFATE. CONTAINS PHOSPHATES. REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL. CONSULT LOCAL OR STATE DISPOSAL REGULATIONS.</b> |                             |                                                                           |                                 |    |                              |
|                                                | Disposal of Contaminated Material <b>CO WITH INCOMPLETE COMBUSTION. MAY RELEASE CHLORINE GASES WHEN MIXED WITH ACIDS, OR ABOVE 250 DEGREES F.</b>                                                                                                                     |                             |                                                                           |                                 |    |                              |
| XIV<br>Transport Information                   | <b>CORROSIVE SOLID,BASIC,INORGANIC,N.O.S., (SODIUM HYDROXIDE,SODIUM DICHLORO-S-TRIAZINETRIONE),8,UN3262,PG II, ERG#60, NAERG#154</b>                                                                                                                                  |                             |                                                                           |                                 |    |                              |
| XV-Regulatory Information                      |                                                                                                                                                                                                                                                                       |                             |                                                                           |                                 |    |                              |
| XVI-Other Information                          |                                                                                                                                                                                                                                                                       |                             |                                                                           |                                 |    |                              |
| S.A.R.A. Title III Section 313                 | <b>NONE</b>                                                                                                                                                                                                                                                           |                             |                                                                           |                                 |    |                              |
| State Right to Know Information                | <b>SODIUM CARBONATE - CAS #497-19-8</b><br><b>SODIUM HYDROXIDE - CAS #1310-73-2</b><br><b>SODIUM DICHLORO-S-TRIAZINETRIONE - CAS #2893-78-9</b><br><b>SODIUM TRIPOLYPHOSPHATE - CAS #7758-29-4</b><br><b>POLYALKOXY GLYCOL - 9003-11-6</b>                            |                             |                                                                           |                                 |    |                              |