



# MATERIAL SAFETY DATA SHEET

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|     |                                                   |                                                                                                                                                  |                                                                                                                          |                                                                                                                                                                      |                                       |                                |
|-----|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------------------------|
| I   | Chemical Product<br>and Company<br>Identification | Product Name <b>PRO CLEAN PRO 1000</b>                                                                                                           |                                                                                                                          |                                                                                                                                                                      |                                       | Emergency <b>(800)831-9889</b> |
|     |                                                   | Product Code <b>09437280</b>                                                                                                                     | UPC-A <b>774205552366</b>                                                                                                | SCC <b>10774205552363</b>                                                                                                                                            | Medical(Collect) <b>(303)592-1024</b> |                                |
|     |                                                   | Manufacturer <b>JOHNSON DIVERSEY INC.</b><br><b>3630 E. KEMPER RD</b><br><b>CINCINNATI, OH 45241-2046</b>                                        |                                                                                                                          |                                                                                                                                                                      | Chemtree <b>(800)424-9300</b>         |                                |
|     |                                                   |                                                                                                                                                  |                                                                                                                          |                                                                                                                                                                      | Date <b>09/27/1991</b>                |                                |
|     |                                                   | Chemical Family <b>ALL PURPOSE CLEANER AND DEGREASER</b>                                                                                         |                                                                                                                          |                                                                                                                                                                      |                                       |                                |
| II  | Composition/<br>Information<br>on Ingredients     | Chemical Name of Hazardous Ingredient<br><b>2-BUTOXYETHANOL (111-76-2)</b>                                                                       | %<br><b>&lt;10</b>                                                                                                       | Exposure Limits<br><b>TLV 120 S; PEL 120 S</b>                                                                                                                       | Units<br><b>MG/M3</b>                 |                                |
| III | Hazards<br>Identification                         | Sig<br>nals<br>and<br>Symptoms<br>of<br>Exposure                                                                                                 | A<br>C<br>U<br>T<br>E<br><br>C<br>H<br>R<br>O<br>N<br>I<br>C                                                             | <b>DEFATS SKIN; IRRITATES EYES. CAUSES INCERASED BLOOD FRAGILITY. EXPOSURE AGGRAVATES HEMATOPOIETIC SYSTEM. MAY BE HARMFUL IF SWALLOWED.</b>                         |                                       |                                |
|     |                                                   |                                                                                                                                                  |                                                                                                                          | <b>AT INDUSTRIAL EXPOSURE LEVELS, NO POSITIVE EVIDENCE EXISTS PRESENTLY THAT INDICATES ANY CHRONIC EFFECTS ON HUMANS DIFFERENT THAN THOSE LISTED ABOVE AS ACUTE.</b> |                                       |                                |
|     |                                                   | HMS:                                                                                                                                             | Health <b>1</b>                                                                                                          | Flammability <b>1</b>                                                                                                                                                | Reactivity <b>0</b>                   | Personal Protection <b>B</b>   |
|     |                                                   | Conditions Aggravated                                                                                                                            | <b>SENSITIVE SKIN; MAY AGGRAVATE DERMATITIS</b>                                                                          |                                                                                                                                                                      |                                       |                                |
|     |                                                   | Carcinogen Info                                                                                                                                  | <b>NONE</b>                                                                                                              |                                                                                                                                                                      | NTP                                   | IARC      OSHA                 |
|     |                                                   | Target Organs or System                                                                                                                          |                                                                                                                          |                                                                                                                                                                      |                                       |                                |
|     |                                                   | Routes of Exposure:   Inhalation <input type="checkbox"/> Skin <input checked="" type="checkbox"/> Ingestion <input checked="" type="checkbox"/> |                                                                                                                          |                                                                                                                                                                      |                                       |                                |
| IV  | First Aid Measures                                | Inhalation                                                                                                                                       | <b>REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GET MEDICAL ATTENTION.</b>                                            |                                                                                                                                                                      |                                       |                                |
|     |                                                   | Eyes                                                                                                                                             | <b>IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER. GET MEDICAL ATTENTION.</b>                                             |                                                                                                                                                                      |                                       |                                |
|     |                                                   | Skin                                                                                                                                             | <b>FLUSH WITH FRESH WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION.</b>     |                                                                                                                                                                      |                                       |                                |
|     |                                                   | Ingestion                                                                                                                                        | <b>GIVE WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.</b> |                                                                                                                                                                      |                                       |                                |
| V   | Fire Fighting Measures                            | Fire Control Measures/Equipment                                                                                                                  | <b>SPILLED PRODUCT MAY CAUSE SLIPPERY SURFACES.</b>                                                                      |                                                                                                                                                                      |                                       |                                |
|     |                                                   | Flammable Property Info                                                                                                                          |                                                                                                                          |                                                                                                                                                                      |                                       |                                |
|     |                                                   | Explosion Info                                                                                                                                   | <b>PRODUCT WILL BURN IF EVAPORATED TO DRYNESS AND HEATED TO FLAME POINT.</b>                                             |                                                                                                                                                                      |                                       |                                |
|     |                                                   | Extinguishing Media                                                                                                                              | <b>CO2, FOAM, DRY CHEMICALS, WATER</b>                                                                                   |                                                                                                                                                                      |                                       |                                |
|     |                                                   | Gases                                                                                                                                            |                                                                                                                          |                                                                                                                                                                      |                                       |                                |

|                                                |                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                              |       |               |     |                      |                                             |    |      |                  |      |   |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------|-----|----------------------|---------------------------------------------|----|------|------------------|------|---|
| VI<br>Accidental Measures                      | Spill and Leak Clean Up Procedures                                                                                                                                      | WIPE UP SMALL AMOUNTS OR DILUTE WITH WATER AND FLUSH TO SANITARY SEWER DRAIN. COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER. NOT AN RCRA HAZARDOUS WASTE.<br><br>CERCLA PRODUCT RQ = NO REPORTABLE QUANTITY                                                                                                  |       |               |     |                      |                                             |    |      |                  |      |   |
|                                                | Environmental Precaution:                                                                                                                                               |                                                                                                                                                                                                                                                                                                              |       |               |     |                      |                                             |    |      |                  |      |   |
| VII<br>Handling and Storage                    | Ventilation Required?                                                                                                                                                   | NO Instructions NORMAL AIR DILUTION                                                                                                                                                                                                                                                                          |       |               |     |                      |                                             |    |      |                  |      |   |
|                                                | Safe Storage, Handling and Use Instructions                                                                                                                             | KEEP FROM FREEZING. KEEP CONTAINER CLOSED. KEEP OUT OF THE REACH OF CHILDREN. STORE BETWEEN 40 - 100 DEGREES F.                                                                                                                                                                                              |       |               |     |                      |                                             |    |      |                  |      |   |
|                                                | Incompatible Materials                                                                                                                                                  |                                                                                                                                                                                                                                                                                                              |       |               |     |                      |                                             |    |      |                  |      |   |
| VIII<br>Exposure Controls/ Personal Protection | Protective Gloves                                                                                                                                                       | RUBBER, PVC, OR CHEMICAL RESISTANT                                                                                                                                                                                                                                                                           |       |               |     |                      |                                             |    |      |                  |      |   |
|                                                | Eye Protection                                                                                                                                                          | SPLASH GOGGLES OR FACE SHIELD                                                                                                                                                                                                                                                                                |       |               |     |                      |                                             |    |      |                  |      |   |
|                                                | Respiratory Protection                                                                                                                                                  | USUALLY NOT REQUIRED. MONITOR AREA IF SYMPTOMS OF OVEREXPOSURE ARE EXPERIENCED.                                                                                                                                                                                                                              |       |               |     |                      |                                             |    |      |                  |      |   |
|                                                | Other Protective Clothing Equipment                                                                                                                                     | CLOTHING TO PREVENT PROLONGED SKIN CONTACT.                                                                                                                                                                                                                                                                  |       |               |     |                      |                                             |    |      |                  |      |   |
| IX<br>Physical and Chemical Properties         | Characteristics of Hazardous Chemical                                                                                                                                   |                                                                                                                                                                                                                                                                                                              |       |               |     |                      |                                             |    |      |                  |      |   |
|                                                | Vapor Pressure                                                                                                                                                          | 22.2                                                                                                                                                                                                                                                                                                         | MmHg@ | 20            | °C  | Vapor Density(Air=1) | N/A                                         | pH |      | Water Solubility | 100  | % |
|                                                | Appearance & Odor STRAW CLEAR LIQUID; LEMON ODOR                                                                                                                        |                                                                                                                                                                                                                                                                                                              |       |               |     |                      |                                             |    |      |                  |      |   |
|                                                | Boiling Point                                                                                                                                                           | 212                                                                                                                                                                                                                                                                                                          | °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 1.006                                                                                                                                                  |                                                                                                                                                                                                                                                                                                              |       |               |     |                      | Volatile by Volume 93 %                     |    |      |                  |      |   |
|                                                | Evaporation Rate(n-Butyl Acetate=1) <1                                                                                                                                  |                                                                                                                                                                                                                                                                                                              |       |               |     |                      |                                             |    |      |                  |      |   |
| X<br>Stability and Reactivity                  | Peroxide, Pyrophoric, Unstable or Water Reactive NONE                                                                                                                   |                                                                                                                                                                                                                                                                                                              |       |               |     |                      |                                             |    |      |                  |      |   |
|                                                | Reactivity and Hazardous Polymerization NONE                                                                                                                            |                                                                                                                                                                                                                                                                                                              |       |               |     |                      |                                             |    |      |                  |      |   |
|                                                | Possible Hazardous Reactions                                                                                                                                            |                                                                                                                                                                                                                                                                                                              |       |               |     |                      |                                             |    |      |                  |      |   |
|                                                | Conditions to Avoid                                                                                                                                                     |                                                                                                                                                                                                                                                                                                              |       |               |     |                      |                                             |    |      |                  |      |   |
|                                                | Materials To Avoid                                                                                                                                                      | NONE KNOWN                                                                                                                                                                                                                                                                                                   |       |               |     |                      |                                             |    |      |                  |      |   |
|                                                | Hazardous Decomposition Products                                                                                                                                        | OXIDES OF CARBON AND SULFUR                                                                                                                                                                                                                                                                                  |       |               |     |                      |                                             |    |      |                  |      |   |
| 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                                                                                                                          | USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE CONTAINER WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE CONTAINER LABEL BEFORE SELLING OR DISPOSAL. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. PH ADJUSTMENT. CONTAINS BIODEGRADABLE DETERGENTS. |       |               |     |                      |                                             |    |      |                  |      |   |
|                                                | Disposal of Contaminated Material                                                                                                                                       | OXIDES OF CARBON AND SULFUR                                                                                                                                                                                                                                                                                  |       |               |     |                      |                                             |    |      |                  |      |   |
| XIV<br>Transport Information                   | COMPOUNDS, CLEANING, N.O.I., LIQUID                                                                                                                                     |                                                                                                                                                                                                                                                                                                              |       |               |     |                      |                                             |    |      |                  |      |   |
| XV-Regulatory Information                      |                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                              |       |               |     |                      |                                             |    |      |                  |      |   |
| XVI-Other Information                          |                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                              |       |               |     |                      |                                             |    |      |                  |      |   |
| S.A.R.A. Title III Section 313                 | THIS PRODUCT CONTAINS 2-BUTOXYETHANOL (CAS #111-76-2) AT 6% IN THE FORMULATION. THIS INGREDIENT IS REPORTABLE AS A GLYCOL ETHER COMPOUND.                               |                                                                                                                                                                                                                                                                                                              |       |               |     |                      |                                             |    |      |                  |      |   |
| State Right to Know Information                | ETHYLENE GLYCOL BUTYL ETHER - CAS #111-76-2<br>SODIUM XYLENE SULFONATE - CAS #1300-72-7<br>WATER - CAS #7732-18-5<br>SODIUM DODECYL BENZENE SULFONATE - CAS #25155-30-0 |                                                                                                                                                                                                                                                                                                              |       |               |     |                      |                                             |    |      |                  |      |   |