



# MATERIAL SAFETY DATA SHEET

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|     |                                                   |                                            |                                                                                                       |                                                                                      |              |     |            |     |                     |                   |  |
|-----|---------------------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------|-----|------------|-----|---------------------|-------------------|--|
| I   | Chemical Product<br>and Company<br>Identification | Product Name                               | <b>EXACT TUB/TILE BATH CLNR 4X1G</b>                                                                  |                                                                                      |              |     |            |     | Emergency           | (800)831-9889     |  |
|     |                                                   | Product Code                               | <b>90053                  UPC-A 770128900536        SCC 10770128900533</b>                            |                                                                                      |              |     |            |     | Medical(Collect)    | (303)592-1024     |  |
|     |                                                   | Manufacturer                               | <b>JOHNSON DIVERSEY INC.<br/>3630 E. KEMPER RD<br/>CINCINNATI, OH 45241-2046</b>                      |                                                                                      |              |     |            |     | Chemtree            | (800)424-9300     |  |
|     |                                                   |                                            |                                                                                                       |                                                                                      |              |     |            |     | Date                | <b>08/13/1999</b> |  |
|     |                                                   | Chemical Family                            | <b>TILE AND TUB CLEANER</b>                                                                           |                                                                                      |              |     |            |     |                     |                   |  |
| II  | Composition/<br>Information<br>on Ingredients     | Chemical Name of Hazardous Ingredient      | %                                                                                                     | Exposure Limits                                                                      |              |     |            |     |                     | Units             |  |
|     |                                                   | <b>DIETHYLENE GLYCOL MONOBUTYL</b>         | <b>10</b>                                                                                             | <b>NAV</b>                                                                           |              |     |            |     |                     |                   |  |
|     |                                                   | <b>112-34-50</b>                           | <5                                                                                                    | <b>2</b>                                                                             |              |     |            |     |                     | <b>MG/M3</b>      |  |
|     |                                                   | <b>SODIUM HYDROXIDE</b>                    | 22                                                                                                    | <b>NAV</b>                                                                           |              |     |            |     |                     |                   |  |
|     |                                                   | <b>1310-73-2</b>                           | <5                                                                                                    | <b>NAV</b>                                                                           |              |     |            |     |                     |                   |  |
|     |                                                   | <b>DODECYLBENZENE SULFONIC ACID</b>        |                                                                                                       |                                                                                      |              |     |            |     |                     |                   |  |
|     |                                                   | <b>25155-30-0</b>                          |                                                                                                       |                                                                                      |              |     |            |     |                     |                   |  |
|     |                                                   | <b>HYDROTREATED NAPHTHA</b>                |                                                                                                       |                                                                                      |              |     |            |     |                     |                   |  |
|     |                                                   | <b>64742-48-9</b>                          |                                                                                                       |                                                                                      |              |     |            |     |                     |                   |  |
| III | Hazards<br>Identification                         | Signs<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                                          | IRRITATING TO SKIN AND EYES. MISTS ARE IRRITATING TO SKIN, EYE AND RESPIRATORY TRACT |              |     |            |     |                     |                   |  |
|     |                                                   |                                            |                                                                                                       | SAME AS ACUTE                                                                        |              |     |            |     |                     |                   |  |
|     |                                                   | HMIS:                                      | Health                                                                                                | 1                                                                                    | Flammability | 2   | Reactivity | 0   | Personal Protection | B                 |  |
|     |                                                   | Conditions Aggravated                      | SENSITIVE SKIN                                                                                        |                                                                                      |              |     |            |     |                     |                   |  |
|     |                                                   | Carcinogen Info                            | NTP                                                                                                   | IARC                                                                                 | OSHA         |     |            |     |                     |                   |  |
|     |                                                   | Target Organs or System                    |                                                                                                       |                                                                                      |              |     |            |     |                     |                   |  |
|     |                                                   | Routes of Exposure:                        | Inhalation                                                                                            | [X]                                                                                  | Skin         | [X] | Ingestion  | [X] |                     |                   |  |
| IV  | First Aid Measures                                | Inhalation                                 | REMOVE TO FRESH AIR AND SEEK MEDICAL ATTENTION                                                        |                                                                                      |              |     |            |     |                     |                   |  |
|     |                                                   | Eyes                                       | IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION                     |                                                                                      |              |     |            |     |                     |                   |  |
|     |                                                   | Skin                                       | FLUSH SKIN WITH PLENTY OF WATER. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION                        |                                                                                      |              |     |            |     |                     |                   |  |
|     |                                                   | Ingestion                                  | DO NOT INDUCE VOMITTING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON |                                                                                      |              |     |            |     |                     |                   |  |
| V   | Fire Fighting Measures                            | Fire Control Measures/ Equipment           | WEAR FULL PROTECTIVE GEAR AND POSITIVE PRESSURE BREATHING APPARATUS (SCBA) IN FIRE AREA               |                                                                                      |              |     |            |     |                     |                   |  |
|     |                                                   | Flammable Property Info                    |                                                                                                       |                                                                                      |              |     |            |     |                     |                   |  |
|     |                                                   | Explosion Info                             | NONE KNOWN                                                                                            |                                                                                      |              |     |            |     |                     |                   |  |
|     |                                                   | Extinguishing Media                        | WATER, WATER SPRAY CO2, FOAM OR DRY POWDER                                                            |                                                                                      |              |     |            |     |                     |                   |  |
|     |                                                   | Gases                                      |                                                                                                       |                                                                                      |              |     |            |     |                     |                   |  |

|                                                |                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                               |       |               |                      |                                             |                                              |     |                  |     |   |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------|----------------------|---------------------------------------------|----------------------------------------------|-----|------------------|-----|---|
| VI<br>Accidental Measures                      | Spill and Leak Clean UP Procedures                                                                                                                                                                                                       | <b>FLUSH SMALL AMOUNTS TO DRAIN. COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER. THIS PRODUCT DOES NOT CONTAIN A REPORTABLE QUANTITY (RQ) UNDER CERCLA</b>                                                                                                                     |       |               |                      |                                             |                                              |     |                  |     |   |
|                                                | Environmental Precaution:                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                               |       |               |                      |                                             |                                              |     |                  |     |   |
| VII<br>Handling and Storage                    | Ventilation Required?                                                                                                                                                                                                                    | NONE Instructions GENERAL VENTILATION                                                                                                                                                                                                                                         |       |               |                      |                                             |                                              |     |                  |     |   |
|                                                | Safe Storage, Handling and Use Instructions                                                                                                                                                                                              | <b>STORE AT AMBIENT ROOM TEMPERATURE. AVOID CONTACT WITH HEAT OR MOISTURE</b>                                                                                                                                                                                                 |       |               |                      |                                             |                                              |     |                  |     |   |
|                                                | Incompatible Materials                                                                                                                                                                                                                   | <b>STRONG OXIDIZING AND REDUCING AGENTS</b>                                                                                                                                                                                                                                   |       |               |                      |                                             |                                              |     |                  |     |   |
| VIII<br>Exposure Controls/ Personal Protection | Protective Gloves                                                                                                                                                                                                                        | <b>IMPERMEABLE</b>                                                                                                                                                                                                                                                            |       |               |                      |                                             |                                              |     |                  |     |   |
|                                                | Eye Protection                                                                                                                                                                                                                           | <b>SAFETY GLASSES</b>                                                                                                                                                                                                                                                         |       |               |                      |                                             |                                              |     |                  |     |   |
|                                                | Respiratory Protection                                                                                                                                                                                                                   | <b>NOT NORMALLY REQUIRED</b>                                                                                                                                                                                                                                                  |       |               |                      |                                             |                                              |     |                  |     |   |
|                                                | Other Protective Clothing Equipment                                                                                                                                                                                                      | <b>NOT NORMALLY REQUIRED</b>                                                                                                                                                                                                                                                  |       |               |                      |                                             |                                              |     |                  |     |   |
| IX<br>Physical and Chemical Properties         | Characteristics o of Hazardous Chemical                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                               |       |               |                      |                                             |                                              |     |                  |     |   |
|                                                | Vapor Pressure                                                                                                                                                                                                                           | NAV                                                                                                                                                                                                                                                                           | MmHg@ | °C            | Vapor Density(Air=1) | NAV                                         | pH                                           | 3.8 | Water Solubility | 100 | % |
|                                                | Appearance & Odor                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                               |       |               |                      |                                             | <b>CLEAR GREEN LIQUID; WOODY CITRUS ODOR</b> |     |                  |     |   |
|                                                | Boiling Point                                                                                                                                                                                                                            | 212                                                                                                                                                                                                                                                                           | °F    | Melting Point | °F                   | Flammability Limits in Air By Volume: Upper |                                              | NAV | Lower            | NAV |   |
|                                                | Flash Point                                                                                                                                                                                                                              | 152.6                                                                                                                                                                                                                                                                         | °F    | Auto Ignition | °F                   | Oxidizing Properties                        |                                              |     |                  |     |   |
|                                                | Specific Gravity                                                                                                                                                                                                                         | 1.057                                                                                                                                                                                                                                                                         |       |               |                      | Volatile by Volume                          |                                              | %   |                  |     |   |
|                                                | Evaporation Rate(n-Butyl Acetate=1)                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                               |       |               |                      |                                             |                                              |     |                  |     |   |
| X<br>Stability and Reactivity                  | Peroxide, Pyrophoric, Unstable or Water Reactive                                                                                                                                                                                         |                                                                                                                                                                                                                                                                               |       |               |                      |                                             |                                              |     |                  |     |   |
|                                                | Reactivity and Hazardous Polymerization                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                               |       |               |                      |                                             | NONE KNOWN                                   |     |                  |     |   |
|                                                | Possible Hazardous Reactions                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                               |       |               |                      |                                             |                                              |     |                  |     |   |
|                                                | Conditions to Avoid                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                               |       |               |                      |                                             | HEAT, OPEN FLAMES, SOURCES OF IGNITION       |     |                  |     |   |
|                                                | Materials To Avoid                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                               |       |               |                      |                                             | STRONG OXIDIZING AND REDUCING AGENTS         |     |                  |     |   |
|                                                | Hazardous Decomposition Products                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                               |       |               |                      |                                             | OXIDES OF CARBON, 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                                                                                                                                                                                           | <b>NOT RCRA REGULATED. USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER, 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</b> |       |               |                      |                                             |                                              |     |                  |     |   |
|                                                | Disposal of Contaminated Material                                                                                                                                                                                                        | <b>OXIDES OF CARBON, SULFUR</b>                                                                                                                                                                                                                                               |       |               |                      |                                             |                                              |     |                  |     |   |
| XIV<br>Transport Information                   | <b>COMPOUNDS, CLEANING, N.O.I., LIQUID</b>                                                                                                                                                                                               |                                                                                                                                                                                                                                                                               |       |               |                      |                                             |                                              |     |                  |     |   |
| XV-Regulatory Information                      |                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                               |       |               |                      |                                             |                                              |     |                  |     |   |
| XVI-Other Information                          |                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                               |       |               |                      |                                             |                                              |     |                  |     |   |
| S.A.R.A. Title III Section 313                 |                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                               |       |               |                      |                                             |                                              |     |                  |     |   |
| State Right to Know Information                | <b>WATER- CAS #7732-18-5</b><br><b>LINEAR ALCOHOL ETHOXYLATE- CAS #66455-14-9</b><br><b>DIETHYLENE GLYCOL MONOBUTYL ETHER- CAS #112-34-5</b><br><b>CITRIC ACID- CAS #77-92-9</b><br><b>DODECYLBENZENE SULFONIC ACID- CAS #25155-30-0</b> |                                                                                                                                                                                                                                                                               |       |               |                      |                                             |                                              |     |                  |     |   |