



# MATERIAL SAFETY DATA SHEET

Printed: 02/06/2004

|                                                                |                                                                                                           |                                                                                                                                                                                                               |                                                                                    |       |
|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------|
| <b>I</b><br>Chemical Product<br>and Company<br>Identification  | Product Name <b>RUSKO</b>                                                                                 |                                                                                                                                                                                                               | Emergency <b>(800)831-9889</b>                                                     |       |
|                                                                | Product Code <b>08358803</b> UPC-A 774205552779      SCC                                                  |                                                                                                                                                                                                               | 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><br>Date <b>05/09/1996</b>                            |       |
|                                                                | Chemical Family <b>WATER CONDITIONING ADDITIVE</b>                                                        |                                                                                                                                                                                                               |                                                                                    |       |
| <b>II</b><br><br>Composition/<br>Information<br>on Ingredients | Chemical Name of Hazardous Ingredient<br><b>NONE</b>                                                      | %                                                                                                                                                                                                             | Exposure Limits                                                                    | Units |
| <b>III</b><br><br>Hazards<br>Identification                    | Signs and Symptoms of Exposure                                                                            | ACUTE MODERATE TO SEVERE EYE IRRITATION OR BURNS. MAY IRRITATE SKIN AND CAUSE POSSIBLE DRYING OF SKIN. MAY BE HARMFUL IF SWALLOWED. DUSTS OR MISTS MAY IRRITATE NOSE AND THROAT.<br><br>CHRONIC SAME AS ACUTE |                                                                                    |       |
|                                                                | HMIS: Health 2 Flammability 0 Reactivity 0 Personal Protection B                                          |                                                                                                                                                                                                               |                                                                                    |       |
|                                                                | Conditions Aggravated SENSITIVE SKIN, MAY AGGRAVATE RESPIRATORY DISEASE IF INHALED.                       |                                                                                                                                                                                                               |                                                                                    |       |
|                                                                | Carcinogen Info NONE NTP IARC OSHA                                                                        |                                                                                                                                                                                                               |                                                                                    |       |
|                                                                | Target Organs or System                                                                                   |                                                                                                                                                                                                               |                                                                                    |       |
|                                                                | Routes of Exposure: Inhalation ☒ Skin ☐ Ingestion ☒                                                       |                                                                                                                                                                                                               |                                                                                    |       |
|                                                                | <b>IV</b><br><br>First Aid Measures                                                                       | Inhalation                                                                                                                                                                                                    | IF INHALED, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION, IF BREATHING IS DIFFICULT. |       |
| Eyes                                                           |                                                                                                           | IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER. GET MEDICAL ATTENTION.                                                                                                                                         |                                                                                    |       |
| Skin                                                           |                                                                                                           | FLUSH WITH FRESH WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION.                                                                                                 |                                                                                    |       |
| Ingestion                                                      |                                                                                                           | GIVE WATER, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.                                                                                             |                                                                                    |       |
| <b>V</b><br><br>Fire Fighting<br>Measures                      | Fire Control Measures/ Equipment                                                                          | WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND SELF-CONTAINED BREATHING APPARATUS.                                                                                                                     |                                                                                    |       |
|                                                                | Flammable Property Info                                                                                   |                                                                                                                                                                                                               |                                                                                    |       |
|                                                                | Explosion Info NONE KNOWN                                                                                 |                                                                                                                                                                                                               |                                                                                    |       |
|                                                                | Extinguishing Media CO2, WATER, FOAM, DRY CHEMICAL                                                        |                                                                                                                                                                                                               |                                                                                    |       |
|                                                                | Gases                                                                                                     |                                                                                                                                                                                                               |                                                                                    |       |

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                            |                             |                                                                           |  |    |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------|--|----|
| VI<br>Accidental Measures                         | Spill and Leak Clean UP Procedures<br><b>SWEEP UP AND DISPOSE SMALL AMOUNTS TO SOLID WASTE; OR DILUTE WITH WATER AND DISCHARGE TO SANITARY SEWERS. COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER. RINSE AREA WITH WATER.</b><br><br><b>CERCLA PRODUCT RQ = NO REPORTABLE QUANTITY.</b>                                                                                                                                     |                             |                                                                           |  |    |
|                                                   | Environmental Precaution:                                                                                                                                                                                                                                                                                                                                                                                                  |                             |                                                                           |  |    |
| VII<br>Handling and Storage                       | Ventilation Required? <b>NO</b> Instructions <b>NORMAL AIR DILUTION</b>                                                                                                                                                                                                                                                                                                                                                    |                             |                                                                           |  |    |
|                                                   | Safe Storage, Handling and Use Instructions<br><b>KEEP CONTAINER CLOSED WHEN NOT IN USE. PROTECT FROM MOISTURE. STORE IN DRY AREA TO PREVENT CAKING. KEEP AWAY FROM ACIDS.</b>                                                                                                                                                                                                                                             |                             |                                                                           |  |    |
|                                                   | Incompatible Materials                                                                                                                                                                                                                                                                                                                                                                                                     |                             |                                                                           |  |    |
| VIII<br>Exposure Controls/<br>Personal Protection | Protective Gloves <b>RUBBER, PVC, OR CHEMICALLY RESISTANT</b>                                                                                                                                                                                                                                                                                                                                                              |                             |                                                                           |  |    |
|                                                   | Eye Protection <b>SAFETY GLASSES WITH SIDE SHIELDS OR SPLASH GOGGLES.</b>                                                                                                                                                                                                                                                                                                                                                  |                             |                                                                           |  |    |
|                                                   | Respiratory Protection <b>USUALLY NOT REQUIRED.</b>                                                                                                                                                                                                                                                                                                                                                                        |                             |                                                                           |  |    |
|                                                   | Other Protective Clothing Equipment <b>SAFETY SHOWER AND EYE WASH. CHEMICALLY IMPERVIOUS CLOTHING AND FOOTWEAR TO PREVENT SKIN CONTACT.</b>                                                                                                                                                                                                                                                                                |                             |                                                                           |  |    |
| IX<br>Physical and Chemical Properties            | Characteristics of Hazardous Chemical                                                                                                                                                                                                                                                                                                                                                                                      |                             |                                                                           |  |    |
|                                                   | Vapor Pressure <b>0.1</b> MmHg@ <b>20</b> °C                                                                                                                                                                                                                                                                                                                                                                               |                             | Vapor Density(Air=1) <b>N/A</b>                                           |  | pH |
|                                                   | Water Solubility <b>22</b> %                                                                                                                                                                                                                                                                                                                                                                                               |                             |                                                                           |  |    |
|                                                   | Appearance & Odor <b>WHITE TO GRAY POWDER; DETERGENT ODOR.</b>                                                                                                                                                                                                                                                                                                                                                             |                             |                                                                           |  |    |
|                                                   | Boiling Point <b>N/A</b> °F                                                                                                                                                                                                                                                                                                                                                                                                | Melting Point °F            | 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>N/A</b>                                                                                                                                                                                                                                                                                                                                                                                                |                             | Volatile by Volume <b>0</b> %                                             |  |    |
| X<br>Stability and Reactivity                     | Evaporation Rate(n-Butyl Acetate=1) <b>N/</b>                                                                                                                                                                                                                                                                                                                                                                              |                             |                                                                           |  |    |
|                                                   | Peroxide, Pyrophoric, Unstable or Water Reactive <b>NONE</b>                                                                                                                                                                                                                                                                                                                                                               |                             |                                                                           |  |    |
|                                                   | Reactivity and Hazardous Polymerization <b>NONE</b>                                                                                                                                                                                                                                                                                                                                                                        |                             |                                                                           |  |    |
|                                                   | Possible Hazardous Reactions                                                                                                                                                                                                                                                                                                                                                                                               |                             |                                                                           |  |    |
|                                                   | Conditions to Avoid                                                                                                                                                                                                                                                                                                                                                                                                        |                             |                                                                           |  |    |
|                                                   | Materials To Avoid <b>MOISTURE OR WATER WILL CAUSE CAKING OF PRODUCT.</b>                                                                                                                                                                                                                                                                                                                                                  |                             |                                                                           |  |    |
|                                                   | Hazardous Decomposition Products <b>NONE KNOWN</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>USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE CONTAINER WITH WATER, ADD TO OPERATION. REMOVE AND DEFACE CONTAINER LABEL BEFORE SELLING OR DISPOSAL. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. ADJUST PH BEFORE DISPOSAL. CONTAINS 24.5% PHOSPHORUS. SOLUTIONS MAY BE TOXIC TO FISH OR AQUATIC LIFE.</b> |                             |                                                                           |  |    |
|                                                   | Disposal of Contaminated Material <b>NONE KNOWN</b>                                                                                                                                                                                                                                                                                                                                                                        |                             |                                                                           |  |    |
| XIV<br>Transport Information                      | <b>WATER CONDITIONING ADDITIVE COMPOUND, OTHER THAN LIQUID, N.O.I.</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 TRIPOLYPHOSPHATE - CAS #7758-29-4</b>                                                                                                                                                                                                                                                                                                                                                                            |                             |                                                                           |  |    |