



| I - PRODUCT IDENTIFICATION AND USE                                                                                                                                                                                                                                                      |         |             |                                                                                      | MSDS ID: 00247  |  |
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| <b>PRODUCT NAME:</b> IPW 4001                                                                                                                                                                                                                                                           |         |             |                                                                                      |                 |  |
| <b>USE:</b> Plastic Wash                                                                                                                                                                                                                                                                |         |             |                                                                                      |                 |  |
| <b>SUPPLIER:</b><br>JohnsonDiversey Canada, Inc.<br>2401 Bristol Circle<br>Oakville Ontario, L6H 6P1, Canada                                                                                                                                                                            |         |             | <b>EMERGENCY PHONE:</b><br><br><b>1-800-668-7171</b>                                 |                 |  |
| <b>WHMIS CLASSIFICATION:</b> D2B<br><b>CHEMICAL FAMILY:</b> Surfactant                                                                                                                                                                                                                  |         |             | <b>TRADE NAME / SYNONYMS:</b> not applicable<br><b>CHEMICAL NAME:</b> not applicable |                 |  |
| II - HAZARDOUS INGREDIENTS                                                                                                                                                                                                                                                              |         |             |                                                                                      |                 |  |
| HAZARDOUS INGREDIENT                                                                                                                                                                                                                                                                    | % w/w   | CAS #       | LD50 / LC50                                                                          | Route / Species |  |
| Sodium Gluconate                                                                                                                                                                                                                                                                        | 5-10    | 000527-07-1 | N/A                                                                                  | N/A             |  |
| Gluconic Acid                                                                                                                                                                                                                                                                           | 1-5     | 000526-95-4 | N/A                                                                                  | N/A             |  |
| Linear alcohol ethoxylate                                                                                                                                                                                                                                                               | 0.5-1.5 | 068603-25-8 | LD50 616 mg/kg                                                                       | oral/rat        |  |
| III - HANDLING AND DISPOSAL PROCEDURES                                                                                                                                                                                                                                                  |         |             |                                                                                      |                 |  |
| <b>PERSONAL PROTECTIVE EQUIPMENT:</b><br><b>Gloves:</b> Natural Rubber, Neoprene, PVC <b>Eye:</b> safety glasses <b>Footwear:</b> not required<br><b>Respiratory:</b> not required <b>Other:</b> not applicable                                                                         |         |             |                                                                                      |                 |  |
| <b>SPECIAL HANDLING PROCEDURES AND EQUIPMENT:</b> Avoid eye and prolonged skin contact.                                                                                                                                                                                                 |         |             |                                                                                      |                 |  |
| <b>VENTILATION REQUIREMENTS:</b> general ventilation                                                                                                                                                                                                                                    |         |             |                                                                                      |                 |  |
| <b>INCOMPATIBILITY (Material to Avoid):</b> Strong oxidizers                                                                                                                                                                                                                            |         |             |                                                                                      |                 |  |
| <b>SPILL PROCEDURES:</b> Mop up or soak up with absorbent clay for disposal.                                                                                                                                                                                                            |         |             |                                                                                      |                 |  |
| <b>WASTE DISPOSAL:</b> Dispose according to municipal, provincial, and federal regulations.                                                                                                                                                                                             |         |             |                                                                                      |                 |  |
| <b>STORAGE / SHIPPING REQUIREMENT:</b> Store in a cool dry area in a closed container.                                                                                                                                                                                                  |         |             |                                                                                      |                 |  |
| IV - PHYSICAL PROPERTIES                                                                                                                                                                                                                                                                |         |             |                                                                                      |                 |  |
| <b>APPEARANCE / ODOUR:</b> Clear amber liquid                                                                                                                                                                                                                                           |         |             |                                                                                      |                 |  |
| <b>S.G. / BULK DENSITY(g/cc):</b> 1.05                                                                                                                                                                                                                                                  |         |             | <b>pH:</b> 5.0                                                                       |                 |  |
| <b>VAPOUR PRESSURE (mmHg):</b> 17.5 @ 20°C                                                                                                                                                                                                                                              |         |             | <b>VAPOUR DENSITY (air=1):</b> not available                                         |                 |  |
| <b>ODOUR THRESHOLD:</b> not applicable                                                                                                                                                                                                                                                  |         |             | <b>BOILING POINT:</b> approx. 100°                                                   |                 |  |
| <b>FREEZING POINT:</b> approx. 0°C                                                                                                                                                                                                                                                      |         |             | <b>PERCENT VOLATILE:</b> approx. 88%                                                 |                 |  |
| <b>SOLUBILITY IN WATER:</b> soluble                                                                                                                                                                                                                                                     |         |             | <b>EVAPORATION RATE (water=1):</b> 1                                                 |                 |  |
| V - TOXICOLOGICAL PROPERTIES                                                                                                                                                                                                                                                            |         |             |                                                                                      |                 |  |
| <b>EFFECTS OF ACUTE EXPOSURE TO MATERIAL:</b><br><b>EYES:</b> May cause severe irritation.<br><b>SKIN:</b> Repeated or prolonged contact may result in irritation.<br><b>INGESTION:</b> May cause severe irritation of the digestive tract.<br><b>INHALATION:</b> May cause irritation. |         |             |                                                                                      |                 |  |
| <b>LD50 (calculated):</b> 616 mg/kg                                                                                                                                                                                                                                                     |         |             | <b>LC50 (calculated):</b> Not available                                              |                 |  |

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| <b>OTHER TOXIC EFFECTS:</b> Irritant.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                             |
| <b>EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:</b> None known.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                             |
| <b>VI - FIRST AID MEASURES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                             |
| <b>EYES:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician immediately.                                                  |
| <b>SKIN:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Flush affected area thoroughly with water. If irritation develops, contact a physician.                                                                                     |
| <b>INGESTION:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Drink large volumes of water . Never give anything by mouth to an unconscious patient. Do not induce vomiting. Allow spontaneous vomiting. Contact a physician immediately. |
| <b>INHALATION:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Remove patient to fresh air.                                                                                                                                                |
| <b>VII - FIRE AND EXPLOSION DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                             |
| <b>FLAMMABLE:</b> No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                             |
| <b>FLASH POINT, °C:</b> not available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>AUTO IGNITION TEMPERATURE, °C:</b> N. Avail.                                                                                                                             |
| <b>EXTINGUISHING MEDIA:</b> Water [X] Dry Chemical [X] Carbon Dioxide [X] Foam [X] Other [ ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                             |
| <b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Wear self-contained breathing apparatus.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                             |
| <b>HAZARDOUS COMBUSTION PRODUCTS:</b> Oxides of Carbon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                             |
| <b>EXPLOSIVE SENSITIVITY TO:</b> not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                             |
| <b>VIII - REACTIVITY DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                             |
| <b>STABILITY:</b> Stable [X] Unstable [ ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                             |
| <b>CONDITIONS TO AVOID:</b> not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                             |
| <b>INCOMPATIBILITY (Material to Avoid) :</b> Strong oxides.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                             |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> Incomplete combustion forms oxides of carbon and sulfur.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                             |
| <b>REACTIVITY:</b> not dangerously reactive.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                             |
| <b>IX - MSDS PREPARATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                             |
| <b>SOURCES USED:</b> RTECS, Suppliers MSDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>PREPARED BY:</b> JohnsonDiversey Canada, Inc.<br>Regulatory Department<br>Industrial Division<br>Phone (905) 829-1200                                                    |
| <b>PREPARATION DATE:</b> April 15, 2003                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                             |
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