



## I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 1494

**PRODUCT NAME:** DIVERSEY LAUNDRY SOFTENER**USE:** Anti-Static Fabric Softener**SUPPLIER:**JohnsonDiversey Canada, Inc.  
2401 Bristol Circle  
Oakville Ontario, L6H 6P1, Canada**EMERGENCY PHONE:****1-800-668-7171****WHMIS CLASSIFICATION:** D2B**CHEMICAL FAMILY:** Cationic Surfactant**TRADE NAME / SYNONYMS:** not applicable**CHEMICAL NAME:** not applicable

## II - HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENT                     | % w/w    | CAS #         | LD50 / LC50     | Route / Species |
|------------------------------------------|----------|---------------|-----------------|-----------------|
| Methyl alkylamidoethyl ammonium chloride | 1-3      | 068410-69-5   | not available   |                 |
| Fatty acid ester amide                   | 1-2      | not available | not available   | N/Av            |
| Isopropanol                              | 0.2- 1.0 | 000067-63-0   | LD50 5045 mg/kg | oral/rat        |

## III - HANDLING AND DISPOSAL PROCEDURES

**PERSONAL PROTECTIVE EQUIPMENT:****Gloves:** impermeable gloves**Eye:** safety glasses**Footwear:** not applicable**Respiratory:** If mists are generated, use NIOSH approved mask**Other:** not applicable**SPECIAL HANDLING PROCEDURES AND EQUIPMENT:** Avoid eye contact.**VENTILATION REQUIREMENTS:** general ventilation**INCOMPATIBILITY (Material to Avoid):** anionic materials, strong oxidizers**SPILL PROCEDURES:** Contain the spill. Do not allow the spilled product to go to drain. Mop up or soak up with absorbent clay for disposal. Wash spill area with large volumes of water.**WASTE DISPOSAL:** Dispose according to municipal, provincial, and federal regulations.**STORAGE / SHIPPING REQUIREMENT:** Store in a cool dry area in a closed container.

## IV - PHYSICAL PROPERTIES

**APPEARANCE / ODOUR:** Opaque blue perfumed liquid**S.G. / BULK DENSITY(g/cc):** 0.99**pH:** 6.0 - 7.0**VAPOUR PRESSURE (mmHg):** not applicable**VAPOUR DENSITY (air=1):** not applicable**ODOUR THRESHOLD:** not available**BOILING POINT:** < 100°C**FREEZING POINT:** 0°C**PERCENT VOLATILE:** approx. 75%**SOLUBILITY IN WATER:** soluble**EVAPORATION RATE (water=1):** 1

## V - TOXICOLOGICAL PROPERTIES

**EFFECTS OF ACUTE EXPOSURE TO MATERIAL:****EYES:** May cause irritation.**SKIN:** Repeated or prolonged contact may result in irritation.**INGESTION:** May cause severe irritation of the digestive tract. May cause nausea and vomiting.**INHALATION:** May cause irritation.

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>LD50 (calculated):</b> >5000 mg/kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>LC50 (calculated):</b> not applicable                                                                                    |
| <b>OTHER TOXIC EFFECTS:</b> none known                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                             |
| <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. Contact a physician immediately.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                             |
| <b>INHALATION:</b> Remove patient to fresh air. Get medical attention for any breathing difficulty.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                             |
| <b>VII - FIRE AND EXPLOSION DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                             |
| <b>FLAMMABLE:</b> No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                             |
| <b>FLASH POINT, °C:</b> >95°C (Pensky-Martens)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>AUTO IGNITION TEMPERATURE, °C:</b> N/Ap                                                                                  |
| <b>EXTINGUISHING MEDIA:</b> Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other [ ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                             |
| <b>SPECIAL FIRE FIGHTING PROCEDURES:</b> not required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                             |
| <b>HAZARDOUS COMBUSTION PRODUCTS:</b> Oxides of carbon, nitrogen.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                             |
| <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> anionic materials, strong oxidizers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                             |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> Heat released on contact with oxidizing materials.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                             |
| <b>REACTIVITY:</b> not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                             |
| <b>IX - MSDS PREPARATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                             |
| <b>SOURCES USED:</b> MSDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>PREPARED BY:</b> JohnsonDiversey Canada, Inc.<br>Regulatory Department<br>Institutional Division<br>Phone (905) 829-1200 |
| <b>PREPARATION DATE:</b> April 15, 2003                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                             |
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