



| I - PRODUCT IDENTIFICATION AND USE  |  | MSDS ID: 11347270                                |               |                               |
|---|--|--|---------------|-------------------------------|
| <b>PRODUCT NAME:</b> LECTRO-SAF III   |  |  |               |                               |
| <b>USE:</b> Solvent   |  |  |               |                               |
| <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> A D2B<br><b>CHEMICAL FAMILY:</b> solvent   | <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               |
| Carbon dioxide  | 1 - 5  | 000124-38-9                                      | not available | n/a                           |
| n Propyl Bromide  | 90 - 98  | 106-94-5   | not available | n/a                           |
| III - HANDLING AND DISPOSAL PROCEDURES  |  |  |               |                               |
| <b>PERSONAL PROTECTIVE EQUIPMENT:</b>   |  |  |               |                               |
| <b>Gloves:</b> Nitrile  |  | <b>Eye:</b> safety goggles                       |               | <b>Footwear:</b> not required |
| <b>Respiratory:</b> NIOSH approved mask is required in absence of adequate ventilation <b>Other:</b> not required                 |  |  |               |                               |
| <b>SPECIAL HANDLING PROCEDURES AND EQUIPMENT:</b> Avoid eye contact. Do not breathe mist, spray or vapours. Store away from heat. |  |  |               |                               |
| <b>VENTILATION REQUIREMENTS:</b> general ventilation  |  |  |               |                               |
| <b>INCOMPATIBILITY (Material to Avoid):</b> acidic or oxidizing materials   |  |  |               |                               |
| <b>SPILL PROCEDURES:</b> Ensure adequate ventilation. Contain the spill. Mop up or soak up with absorbent clay for disposal.      |  |  |               |                               |
| <b>WASTE DISPOSAL:</b> Dispose according to municipal, provincial, and federal regulations. Do not puncture or incinerate.        |  |  |               |                               |
| <b>STORAGE / SHIPPING REQUIREMENT:</b> Store in a cool dry area in a closed container. Store away from heat.                      |  |  |               |                               |
| IV - PHYSICAL PROPERTIES  |  |  |               |                               |
| <b>APPEARANCE / ODOUR:</b> Colourless aerosol spray   |  |  |               |                               |
| <b>S.G. / BULK DENSITY(g/cc):</b> 1.245   |  | <b>pH:</b> not applicable                        |               |                               |
| <b>VAPOUR PRESSURE (mmHg):</b> 139  |  | <b>VAPOUR DENSITY (air=1):</b> 4.3               |               |                               |
| <b>ODOUR THRESHOLD:</b> not available   |  | <b>BOILING POINT:</b> 68.3°C                     |               |                               |
| <b>FREEZING POINT:</b> not available  |  | <b>PERCENT VOLATILE:</b> 98%                     |               |                               |
| <b>SOLUBILITY IN WATER:</b> insoluble   |  | <b>EVAPORATION RATE (water=1):</b> not available |               |                               |
| V - TOXICOLOGICAL PROPERTIES  |  |  |               |                               |
| <b>EFFECTS OF ACUTE EXPOSURE TO MATERIAL:</b>   |  |  |               |                               |
| <b>EYES:</b> May cause irritation.  |  |  |               |                               |
| <b>SKIN:</b> May cause irritation.  |  |  |               |                               |
| <b>INGESTION:</b> May cause irritation of digestive tract.  |  |  |               |                               |
| <b>INHALATION:</b> Breathing mist may cause respiratory irritation. May cause dizziness, drowsiness and nausea.                   |  |  |               |                               |

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| <b>LD50 (calculated):</b> 4260 mg/g  | <b>LC50 (calculated):</b> 14,374 ppm  |
| <b>OTHER TOXIC EFFECTS:</b> TLV- TWA (Carbon dioxide) 5000ppm TLV-STEL (Carbon dioxide) 30,000ppm  |   |
| <b>EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:</b> Long term repeated exposure to high concentration of vapour may result in central nervous system   |   |
| <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>  | Do not induce vomiting. 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> not applicable   | <b>AUTO IGNITION TEMPERATURE, °C:</b> 400   |
| <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> high temperature, all sources of ignition  |   |
| <b>INCOMPATIBILITY (Material to Avoid) :</b> acidic or oxidizing materials   |   |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> Carbon monoxide<br>Carbon dioxide   |   |
| <b>REACTIVITY:</b> Not dangerously reactive.   |   |
| <b>IX - MSDS PREPARATION</b>   |   |
| <b>SOURCES USED:</b> Supplier MSDS   | <b>PREPARED BY:</b> JohnsonDiversey Canada, Inc.<br>Regulatory Department<br>Industrial Division<br>Phone (905) 829-1200                        |
| <b>PREPARATION DATE:</b> September 29, 2003  |   |
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