



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 1455

PRODUCT NAME: F-501**USE:** Bacteriostatic Fabric Softener PCP # 18562**SUPPLIER:**JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada**EMERGENCY PHONE:****1-800-668-7171****WHMIS CLASSIFICATION:** B3 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 |
|---|----------|-------------|-----------------|-----------------|
| Alkyldimethylbenzyl ammonium chloride | 3-7 | 068391-01-5 | LD50 2100 mg/kg | oral/rat |
| Alkyl dimethyl ethyl benzyl ammoni chloride | 3-7 | 068956-79-6 | not available | |
| Quaternium 27 | 3-7 | 977065-79-6 | not available | |
| Isopropanol | 1-5 | 000067-63-0 | LD50 5045 mg/kg | oral/rat |
| Ethanol | 0.5- 1.5 | 000064-17-5 | LD50 7060 mg/kg | oral/rat |

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:**Gloves:** natural rubber, neoprene or nitrile **Eye:** safety glasses **Footwear:** not required**Respiratory:** If mists are generated, use NIOSH approved mask. **Other:** not required**SPECIAL HANDLING PROCEDURES AND EQUIPMENT:** Do not expose to heat, sparks or open flame. Avoid eye and skin contact.**VENTILATION REQUIREMENTS:** general ventilation**INCOMPATIBILITY (Material to Avoid):** strong oxidizers and anionic surfactants**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. Do not freeze.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Light yellow liquid**S.G. / BULK DENSITY(g/cc):** 0.99**pH:** 4.0 ± 0.3**VAPOUR PRESSURE (mmHg):** not applicable**VAPOUR DENSITY (air=1):** not applicable**ODOUR THRESHOLD:** not applicable**BOILING POINT:** approx. 100°C**FREEZING POINT:** not available**PERCENT VOLATILE:** 87%**SOLUBILITY IN WATER:** soluble**EVAPORATION RATE (water=1):** 1

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:**EYES:** May cause severe irritation. May cause temporary or permanent damage if not treated promptly.**SKIN:** May cause severe irritation.**INGESTION:** May cause gastro-intestinal irritation, nausea, vomiting and diarrhea.

INHALATION: Breathing mist or spray may cause respiratory irritation.

LD50 (calculated): not available

LC50 (calculated): not available

OTHER TOXIC EFFECTS: TLV-TWA (ethyl alcohol) 1000 ppm (1880 mg/m3); TLV-TWA (isopropanol) 400 ppm (520 mg/m3)

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: none known

VI - FIRST AID MEASURES

EYES: Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician immediately.

SKIN: Flush affected area thoroughly with water. If irritation develops, contact a physician.

INGESTION: Drink large volumes of water. Never give anything by mouth to an unconscious patient. Contact a physician immediately.

INHALATION: Remove patient to fresh air. Get medical attention for any breathing difficulty.

VII - FIRE AND EXPLOSION DATA

FLAMMABLE: Yes, ignited by spark or open flame.

FLASH POINT, °C: 48°C

AUTO IGNITION TEMPERATURE, °C: N/Ap.

EXTINGUISHING MEDIA: Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other []

SPECIAL FIRE FIGHTING PROCEDURES: not required

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, nitrogen.

EXPLOSIVE SENSITIVITY TO: not applicable

VIII - REACTIVITY DATA

STABILITY: Stable [x] Unstable []

CONDITIONS TO AVOID: heat, sparks, open flame

INCOMPATIBILITY (Material to Avoid) : strong oxidizers and anionic surfactants

HAZARDOUS DECOMPOSITION PRODUCTS: Heat released on contact with strong oxidizers.

REACTIVITY: not dangerously reactive

IX - MSDS PREPARATION

SOURCES USED: RTECS, MSDS

PREPARED BY: JohnsonDiversey Canada, Inc.
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