

BIN 431

MATERIAL SAFETY DATA SHEET

.41022
 .279913
 .64196
 MSDS #1003
 .287374
 .162811

Identity: Eyesaline Solution - Product #s 400, 401, 433, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 470, 471, 500, 501, 502, 504, 505, 506, 507, 508, 510, 512, 520, 533, 534, 1050

Section I:

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| Manufacturer: Fendall Company | Emergency Telephone: 847-577-7400 |
| Address: 5 East College Drive Arlington Heights, IL 60004 | Information Telephone: 800-343-4842 |
| | Date Prepared: 03/10/99 |

Section II: Hazardous Ingredients/Identify Information

| Hazardous Components (Specific Chemical Identity, Common Name(s)) | OSHA PEL | ACGIH TLV | Other limits recommended | % (optional) |
|--|-------------|--------------|-----------------------------|--------------|
| BENZALKONIUMCHLORIDE CAS#8001-545 | NONE | NONE | N/A | <0.1% |

Section III: Physical/Chemical Characteristics

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| Boiling Point: 212° F (100° C) | Specific Gravity (H₂O)=1: NOT DETERMINED |
| Vapor Pressure (mm Hg): 760 | Melting Point: N/A |
| Vapor Density (Air = 1): NOT DETERMINED | Evaporation Rate (Butyl Acetate = 1): NOT DETERMINED |
| Solubility in Water: 100% | |
| Appearance and Odor: COLORLESS LIQUID WITH NO DISCERNABLE ODOR. | |

Section IV: Fire and Explosion Hazard Data

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|--|--------------------------|-----------------|-----------------|
| Flash Point (Method Used): N/A | Flammable Limits: | LEL: N/A | UEL: N/A |
| Extinguishing Media: THIS IS A NONFLAMMABLE AQUEOUS SOLUTION. | | | |
| Special Fire Fighting Procedures: N/A | | | |
| Unusual Fire and Explosion Hazards: N/A | | | |

Section V: Reactivity Data

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|---|--------------------------------------|---|
| Stability | Unstable: NO Stable: YES | Conditions to Avoid: THIS PRODUCT IS STABLE CONSIDERED NON-REACTIVE AND STABLE UNDER NORMAL CONDITIONS OF STORAGE AND USAGE. |
| Incompatibility (Materials to Avoid): NONE KNOWN | | |
| Hazardous Decomposition or Byproducts: NONE | | |
| Hazardous Polymerization | May Occur: NO Will Not Occur: YES | Conditions to Avoid: NONE |

Section VI: Health Hazard Data

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| Route(s) of Entry: Inhalation? NO Skin? NO Ingestion? YES |
| Health Hazards (Acute and Chronic): INGESTION OF VOLUMES IN EXCESS OF 20 LITERS MAY CAUSE GASTRIC IRRITATION. |
| Carcinogenicity: NTP? NO IARC Monographs? NO OSHA Regulated? NO |
| Signs and Symptoms of Exposure: N/A |
| Medical Conditions Generally Aggravated by Exposure: N/A |
| Emergency First Aid Procedures: NOTES TO PHYSICIAN: IN THE UNLIKELY EVENT OF RAPID INGESTION OF LARGE VOLUMES OF THE SOLUTION, INDUCE VOMITING AND OBSERVE THE PATIENT FOR GASTRIC IRRITATION. |

Section VII: Precautions for Safe Handling and Use

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| Steps to Be Taken in Case Material is Released or Spilled: FLUSH AREA WITH WATER. THE SOLUTION IS NOT RCRA HAZARDOUS WASTE. |
| Waste Disposal Method: N/A |
| Precautions to Be Taken in Handling and Storage: DO NOT FREEZE OR EXPOSE TO TEMPERATURES IN EXCESS OF 110° F (43° C) FOR EXTENDED PERIODS. |
| Other Precautions: N/A |

Section VIII: Control Measures

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|---------------------------------------|---------------------------------------|----------------------------|
| Respiratory Protection: N/A | | |
| Ventilation | Local Exhaust: N/A Mechanical: N/A | Special: N/A Other: N/A |
| Protective Gloves: N/A | Eye Protection: N/A | |
| Other Protective Clothing: N/A | | |
| Work Hygienic Practices: N/A | | |

37866
 .279915
 .37871
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 .278881
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 .62485
 .69335
 .34203
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 .37866
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 .75111