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PHARMCO-AAPER

AND COMMERCIAL ALCOHOLS

Product Information (203) 740-3471 / Emergency Assistance CHEMTREC 1-800-424-9300

MATERIAL SAFETY DATA SHEETS

Manufacturer: PHARMCO-AAPER
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Brookfield, CT 06804
Phone (203) 740-3471
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Shelbyville, KY 40065
Phone (502) 633-0650
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Emergency Contact:

CHEMTREC 1-800-424-9300

Menthol Crystals

SECTION I PRODUCT IDENTIFICATION

PRODUCT NAME: Menthol Crystals **FEMA No.:** 2665
CAS No: 2216-51-5 **Trade Name:** L-Menthol USP; Menthol

SECTION II FIRE & EXPLOSION HAZARD

DOT Hazard Class (non-bulk): Vessel & air hazard class non-regulated.
Flash Point: 175°F Closed Cup
Extinguishing Media: Carbon dioxide, foam and dry chemical.
Special Firefighting Procedures and Precautions: None.
Unusual Fire and Explosion Hazards: None
Hazardous Combustible or Decomposition Products: Burning liberates carbon monoxide, carbon dioxide and smoke.
Stability: Stable under normal conditions.
Conditions to Avoid: Avoid heat and flame.
Materials to Avoid: Avoid strong oxidizing agents.
Hazardous Polymerization Products: None

SECTION III PHYSICAL DATA

Boiling Point: 413°F **Specific Gravity:** (H₂O = 1) 0.890
Solubility: Slightly Soluble **Vapor Density:** NF
Vapor Pressure: NF mmHg @ 20°C **Melting Point:** 105°F – 109°F
Appearance, Physical State and Odor: Colorless crystals with a peppermint odor.

SECTION IV A DEGREE OF HAZARD

Degree of Hazard

- 4 - Extreme Flammability 1
- 3 - High Health 1
- 2 - Moderate Reactivity 0

1 - Slight
0 - Insignificant

SECTION V PROTECTION INFORMATION

Respiratory: Avoid breathing warm vapors. **Eye:** Chemical goggles.
Ventilation: Mechanical **Skin:** Protective gloves.

SECTION VI OCCUPATION EXPOSURE LIMIT

OSHA-PEL: None established **Threshold Exposure Limit - TLV:** None established.
IARC Program: Yes (No) **NTP:** Yes (No) **OSHA:** Yes (No)

SECTION VII HEALTH HAZARD INFORMATION

Health Hazard Determination: May be irritating to the skin and eyes and mucous membranes. If ingested – may cause nausea, vomiting, diarrhea, headache, dizziness and convulsions.

SECTION VIII EMERGENCY AND FIRST AID PROCEDURES

Inhalation: Provide fresh air and call a physician.
Eye Contact: Wash or irrigate with water at least 15 minutes. Obtain medical advice.
Skin Contact: Wash with soap and water. If irritation persists, obtain medical advice.
Ingestion: (Never give anything by mouth to an unconscious person.) Rinse mouth with water; obtain medical advice.

SECTION IX SPILL AND DISPOSAL PROCEDURES

Steps to be taken in the event of a spill or discharge: Remove sources of ignition. Absorb on absorbent material. Dispose in approved manner.
Disposal Procedures: Incinerate or remove to landfill following all federal, state and local regulations.

SECTION X HANDLING & STORAGE

Handling & Storage: Keep away from heat and flame. Provide adequate ventilation. Keep container tightly closed when not in use.

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA): No chemicals on this material with known CAS numbers are subject to the reporting requirements of CERCLA.

The information contained herein is based on data considered to be accurate based on the material as packaged. However, no warranty is expressed regarding the accuracy of these data or the results to be obtained from the use thereof. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It is the user's obligation to determine the conditions of safe use of the product. While this MSDS is based on technical data judged to be reliable, PHARMCO-AAPER assumes not responsibility for the completeness or accuracy of the information contained herein.