



Technical Data

6299 Route 9N
Hadley, NY 12835
Phone (518) 696-9900
(800) 848-0658
Fax (518) 696-9997

MATERIAL SAFETY DATA SHEET

Emergency/Information Telephone: (518) 696-9900
National Poison Control Center (any day/time): (412) 681-6669

IDENTIFICATION

LABEL NAME: **MENTHOL CRYSTALS USP**

CAS NUMBER: 2216-51-5

OTHER NAME: L MENTHOL

CHEMICAL NAME: CYCLOHEXANOL, 5-METHYL-2(1-METHYLETHYL)-, (1A,2B,5A)

PHYSICAL DATA

ODOR AND APPEARANCE: WHITE CRYSTALLINE POWDER/CRYSTALS WITH A COOL PLEASANT PEPPERMINT CHARACTER.

SPECIFIC GRAVITY: 0.89 @20 C⁰ BOILING POINT: 216 C⁰

MELTING POINT: 41 – 44 C⁰ VAPOR PRESSURE: 0.8ml Hg @ 20 C⁰

VAPOR DENSITY (AIR=1): DATA NOT FOUND

SOLUBILITY IN WATER: DATA NOT FOUND

FIRE, EXPLOSION AND REACTIVITY

FLASH POINT: >200F DOT CLASSIFICATION: NON-HAZARDOUS

STABILITY: STABLE NFPA CLASSIFICATION: NE

EXTINGUISHING MEDIA

() WATER FOG (X) FOAM (X) DRY CHEMICAL (X) CARBON DIOXIDE

SPECIAL FIRE FIGHTING PROCEDURE/UNUSUAL FIRE AND EXPLOSION HAZARDS

FIRE FIGHTERS SHOULD WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS. SPRAY EXTINGUISHING MEDIA DIRECTLY AT THE BASE OF THE FLAMES. WATER IS UNSUITABLE FOR USE ON BURNING MATERIALS, BUT MAY BE USED TO COOL CONTAINERS EXPOSED TO HEAT.

HAZARDOUS COMBUSTION/DECOMPOSITION PRODUCT: WHEN HEATED TO DECOMPOSITION, PRODUCES ACRID SMOKE AND FUMES.

HAZARDOUS POLYMERIZATION PRODUCT: HAZARDOUS POLYMERIZATION WILL NOT OCCUR.



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CONDITIONS AND MATERIALS TO AVOID: AVOID STRONG OXIDIZING AGENTS.

PROTECTION INFORMATION

RESPIRATORY PROTECTION: NO SPECIAL PROTECTION; ODOR MASK OR ORGANIC VAPOR RESPIRATOR SHOULD BE WORN IF VAPORS ARE FOUND TOO ANNOYING OR IRRITATING. DUST MASK FOR POWDERS ONLY.

EYE PROTECTION: USE OF CHEMICAL SPLASH GOGGLES RECOMMENDED.

SKIN PROTECTION: USE OIL/SOLVENT RESISTANT GLOVES.

OTHERS: USE PROTECTIVE CLOTHING AS NECESSARY.

OCCUPATIONAL EXPOSURE LIMITS

THRESHOLD LIMIT VALUE (TLV): DATA NOT ESTABLISHED

OSHA PERMISSIBLE EXPOSURE LIMIT (PEL): DATA NOT ESTABLISHED

HAS THE SUBSTANCE BEEN LISTED AS A CARCINOGEN?: NO

HEALTH HAZARD INFORMATION

HEALTH HAZARD DETERMINATION: CRYSTALS MAY BE MILDLY IRRITATING.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: REMOVE TO FRESH AIR.

EYE CONTACT: REMOVE CONTACT LENSES. FLUSH EYES WITH COOL WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, THEN CALL A PHYSICIAN.

SKIN CONTACT: REMOVE CONTAMINATED CLOTHING. WASH WITH MILD SOAP AND WATER.

INGESTION: RINSE MOUTH. CONSULT A PHYSICIAN.

SPILLS, LEAKS AND DISPOSAL PROCEDURES

IF MATERIAL SPILLED OR RELEASED: REMOVE ALL POTENTIAL SOURCES OF IGNITION. CONTAIN SPILL WITH INERT NON-COMBUSTIBLE ABSORBENT MATERIAL, AND PLACE IN APPROVED CONTAINERS.

WASTE DISPOSAL METHODS: DISPOSE OF IN ACCORDANCE WITH STATE, LOCAL AND FEDERAL REGULATIONS.



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HANDLING AND SHIPPING PROCEDURES

STORE IN FULL SEALED CONTAINERS IN COOL DRY PLACE AWAY FROM SOURCES OF IGNITION HEAT OR DIRECT SUNLIGHT. FOLLOW GOOD INDUSTRIAL AND HYGIENIC PRACTICES.

TRANSPORTATION INFORMATION

LAND TRANSPORT

INLAND NAVIGATION TRANSPORT

SEA SHIPPING TRANSPORT

AIR TRANSPORT

GOODS NOT DANGEROUS IN THESE REGULATIONS
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REVIEWED: June 2012

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