

AERCHEM INC.
320 North Walnut
Bloomington, IN 47408

Telephone: 812.334.9996

Fax: 812.334.1960

Emergency: 800.424.9300

SECTION 1: IDENTIFICATION

Effective Date: 12/17/96
Product Name: L-MENTHOL
Common Name: hexahydrothymol; 1 α ,2 β ,5 α)-5-methyl-2-(1-methylethyl)cyclohexanol
Chemical Formula: C₁₀H₂₀O
CAS No.: 1490-04-06

SECTION 2: HAZARDOUS INGREDIENTS:

Slightly dangerous to dangerous in case of skin and eye contact (irritant), of ingestion, of inhalation. Very slightly to slightly dangerous in case of skin contact (permeator). May irritate eyes and skin upon contact.

SECTION 3: PHYSICAL DATA

Appearance and Odor:	solid
Boiling point:(760 mmHg)	212° C (413.6°F)
Vapor Pressure (mmHg):	n/a
Specific Gravity (Water = 1):	0.89
Solubility in water:(by weight)	insoluble in cold water
Melting Point:	42°C (107.6°F)
Volatility:	n/a
Vapor Density:	5.38

SECTION 4: FIRE AND EXPLOSION DATA

Flash point:	closed cup: 93°C (199.4°F)
Flammable limit:	n/a
Extinguishing Media:	dry chemicals, CO ₂ ,water spray, or foam; Do not use water jet.
Unusual Fire and Explosion Hazards:	n/a
Flammability:	Combustible

SECTION 5: REACTIVITY DATA

Stable <u> </u> <u> X </u> <u> </u>	Unstable <u> </u> <u> </u> <u> </u>
Conditions to Avoid:	n/a
Incompatibilities:	n/a
Hazardous Decomposition or byproducts:	Products of combustion are carbon oxides
Hazardous Polymerization:	no

SECTION 6: HEALTH HAZARD DATA

Permissible Exposure Limit:	n/a
Toxicity:	Acute oral LD50 cat: 800 mg/kg Acute dermal LD50 rabbit: 5001 mg/kg
Route of Entry:	inhalation, ingestion

SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

Spillage:	Use appropriate tools to put spilled solid in convenient waste disposal container.
Finish and disposal:	cleaning by spreading water on contaminated surface and dispose of according to local regional authority requirements.
Disposal:	Recycle, if possible. Consult your local or regional authorities.

AERCHEM INC.
320 North Walnut
Bloomington, IN 47408

Telephone: 812.334.9996

Fax: 812.334.1960

Emergency: 800.424.9300

SECTION 8: FIRST AID PROCEDURES

Eyes: Remove any contact lenses. Do not use eye ointment. Seek medical attention.
Skin: Wash with plenty of water. Gently wash skin with running water and non-abrasive soap. Be careful to clean folds, crevices, creases, and groin. Cold water may be used. Cover irritated skin with an emollient. If irritation persists, seek medical attention.
Wash contaminated clothing before reuse.
Inhalation: Allow victim to rest in well ventilated area. Seek medical attention.
Ingestion: Remove any dentures. Induce vomiting by sticking finger in throat. Lower head to vomit won't reenter mouth and throat. Never give an unconscious person anything to ingest. Seek immediate medical attention.

SECTION 9: PRECAUTION TO BE TAKEN IN HANDLING AND STORING

Keep away from heat, sources of ignition, and from strong oxidizing agents. Keep in a cool, dry, well-ventilated area. Ground all equipment containing material. Do not ingest or breathe dust. Wear respiratory equipment in case of insufficient ventilation. Avoid contact with skin and eyes.

SECTION 10: SPECIAL PROTECTION INFORMATION

Ventilation: Use process enclosure, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.
Eye Protection: Splash goggles
Protective Gloves: impervious
Respiratory Protection: dust respirator
Other Protective Gear: lab coat; boots, full suit, and self contained breathing apparatus in case of large spill

SECTION 11: TRANSPORT INFORMATION

DOT classification: not regulated

DOT pictograms: