

QUALITY MINT & ALLIED CHEMICALS

ISO 22000 certified producers for Menthol & Essential Oils

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 **Product identifier :** MENTHOL CRYSTALS NATURAL.
Chemical name: L-Menthol
CAS: 2216-51-5 **EC Number:** 218-690-9
- 1.2 **Relevant identified uses of the substance or mixture:** Industrial uses. Formulation [mixing] of preparations..
Uses advised against: Other uses than those recommended.
- 1.3 **Details of the supplier of the safety data sheet:**

Quality Mint & Allied Chemicals,

D-24-27, Harthala Industrial Estate,

Moradabad-244001 Uttar Pradesh INDIA

Web Site: www.qualitymint.co.in
- 1.4 **Emergency telephone number:** +91591 2450799

SECTION 2: Hazards identification

Classification of the substance or mixture

Classification according to the Regulation (EC) No 1272/2008.
Skin corrosion/irritation, Hazard Category 2; H315
Serious eye damage/eye irritation, Hazard Category 2; H319.

Label elements

Número CE: 218-690-9
L-Menthol



Signal word: Warning

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Hazard Statements:

H315: Causes skin irritation.

H319: Causes serious eye irritation.

Precautionary Statements:

P280: Wear protective gloves/eye protection/face protection. P302+P352: IF ON SKIN: Wash with plenty of water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313: If skin irritation occurs: Get medical advice/attention. P337+P313: If eye irritation persists: Get medical advice/attention. P362+P364: Take off contaminated clothing and wash it before reuse.

Other hazards

Not available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Concentration range of the constituent (% weight/weight)	CE Number / Registration Number	CAS	Chemical name
≥50% and ≤100	218-690-9	2216-51-5	L-Menthol

SECTION 4: First aid measures

Description of first aid measures

Consumption: If swallowed, rinse mouth with water.

Seek medical advice immediately and show this

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container or label. Do NOT induce vomiting.

Eye contact:	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
Inhalation:	Remove person to fresh air and keep at rest.
Skin contact:	Remove contaminated clothes. Rinse skin with plenty of water or shower. Refer for medical attention.

Most important symptoms and effects, both acute and delayed:

Causes serious eye irritation.

Indication of any immediate medical attention and special treatment needed

Not available.

SECTION 5: Firefighting measures

Extinguishing media:

Carbon dioxide, dry chemical powder or appropriate foam. For safety reasons do not use full water jet.

Special hazards arising from the substance or mixture: Not applicable.

Advice for firefighters:

In case of fire in the surrounding area, follow the recommendations below:

- Avoid inhalation of fumes or vapours. Use appropriate respiratory protection.
- Prevent run-off from fire fighting to enter drains or water courses.

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SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear appropriate gloves to prevent skin exposure.
Avoid dust formation and prevent scattering by moistening with water. Maintain adequate ventilation in the working area after spilling.

Environmental precautions:

Avoid contaminating the environment via the sewers or water sources.

Methods and material for containment and cleaning up:

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Ventilate area and wash spill site after material pickup is complete.

Dispose of in accordance with current laws and regulations.

Reference to other sections:

See also sections 8 and 13.

SECTION 7: Handling and storage

Precautions for safe handling:

Keep away from food, drink and animal feedingstuffs.
Do not smoke. Avoid contact with skin and eyes.
Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities:

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Keep the product in its original container well sealed, in a dry and ventilated area, away from potential sources of ignition and protected from light. Store in accordance with local/national regulations and follow the warnings on the label.

Specific end use(s):

Not available.

SECTION 8: Exposure controls/personal protection

Control parameters

Declaration of substances is not required.

Exposure controls

Personal protection equipment: Use personal protection equipment according to Directive 89/686/EEC.

Engineering Controls-Ventilation: The areas where the product is handled and stored should be

adequately ventilated.

Respiratory Protection: Use personal breathing apparatus whenever deemed necessary. Skin Protection: Avoid contact with skin. Wear suitable gloves.

Eye/Face protection: Chemical safety goggles are recommended. Wash contaminated goggles before reuse.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Transparent needle like shiny crystals.

Colour: COLORLESS

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Odour:	PLEASANT AND MINTY TASTE
Optical Rotation:	-49.50 at 20° c
Melting point:	42.5 °C

SECTION 10: Stability and reactivity

Reactivity: Not available.

Chemical stability: Stable under normal operating conditions.

Possibility of hazardous reactions:

Hazardous Polymerization: It does not undergo any dangerous reactions under normal conditions.

Conditions to avoid: Heat, flames and other sources of ignition.

No special precautions other than good housekeeping of chemicals.

Incompatible materials: Oxidizing mineral acids, strong reducing agents, strong oxidizing agents.

Hazardous decomposition products: Carbon monoxide and other unidentified organic compounds may be formed upon combustion.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Skin corrosion/irritation:	This substance meets the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Serious eye damage/irritation:	This substance meets the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Respiratory or skin sensitisation:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Germ cell mutagenicity:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

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Carcinogenicity:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Reproductive toxicity:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
STOT-single exposure:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
STOT-repeated exposure:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Aspiration toxicity:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

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SECTION 12: Ecological information

Acute aquatic toxicity: Not determined

Persistence and degradability: Not available.

Bioconcentration Factor: Not determined

Mobility in soil: Not available.

Results of PBT and vPvB assessment: Not determined

Other adverse effects: Do not allow the material to enter streams, sewers or other waterways.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Container disposal: Containers must be disposed of as hazardous waste. Do not reuse empty containers. Dilute the remaining material and neutralise. Empty residue into a suitable disposal site.
- Disposal conditions: Dispose of in accordance with all state and local environmental regulations.
- This material and its container must be disposed of in a safe way.

SECTION 14: Transport information

International Carriage of Dangerous Goods by Road (ADR)

UN No.: N/A
Proper Shipping Name: Not subject to ADR.
Packing Group: -
Class: -
Tunnel restriction code: -
Label: -

Sea Transport (IMDG)

UN No.: N/A
Proper Shipping Name: Not restricted.
Packing Group: -
Class: -
Marine Pollutant: No
Label:

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Air Transport (ICAO/IATA)

UN No.:	N/A
Proper Shipping Name:	Not restricted.
Packing Group:	-
Class:	-
Label:	

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

Not available

Chemical safety assessment:

Not available.

SECTION 16: Other information

This material should only be used for industrial purposes.

Disclaimer

Quality Mint and Allied Chemicals cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. The above information relates only to this product and not to its use in combination with any other material or any particular process and is designed only as guidance for the safe handling, use, processing, storage, transportation, and disposal and should not be considered as a guarantee or quality specification. This product has not been evaluated for safe use in e-cigarettes or any vaping application where the product(s) is/are intentionally vaporized and inhaled. Quality Mint and Allied Chemicals. has performed no testing on these products in e-cig/vaping applications. It is the sole responsibility of the individual(s) purchasing this

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product to assess its' safety in the final application. The above information relates only to this product and not to its use in combination with any other material or any particular process and is designed only as guidance for the safe handling, use, processing, storage, transportation, disposal, and should not be considered as a guarantee or quality specification. The above information is based on data provided by and collected from recognized sources such as distributors, manufacturers, and technical groups and is considered to be accurate to the best of Quality Mint and Allied Chemicals knowledge as of the date of this document. It is the responsibility of the user to review all safety information about this product and determine its safety and suitability in their own processes and operations. Appropriate warnings and safe handling procedures should be provided to all handlers and users, taking into account the intended use and the specific conditions and factors relating to such use in accordance with all applicable laws and regulations.

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