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Hefei TNJ Chemical Industry Co.,Ltd.

B910~911 Xincheng Business Center,

Qianshan Rd. Hefei 230022 China

Tel : (0086) 551 5418695

Fax: (0086) 551 5418697

Email: info@tnjchem.com

Site: www.tnjchem.com

Technical Data Sheet

Menthol Crystals Natural

Commodity: Menthol Crystals Natural

Other Name: L-Menthol

Type: Isolates

Botanical Name: Mentha Arvensis

CAS#: 2216-51-5

FEMA: 2665

EINECS: 218-690-9

Molecular Formula: C₁₀H₂₀O

Production: Produce from Menthol Arvensis Oil

Packing: 25kg Fiber Drum

SPECIFICATIONS

Color & Appearance	Colorless, transparent hexagonal or needlelike crystals.
Melting Range	42.0 °C ~ 44.0 °C
Specific Optical Rotation(°) (C=10 95% CH₃CH₂OH)	-49.0° ~ -50.0° (25 °C)
Non-volatile residue (% W/W)	NMT 0.05 at 105 °C
Acidity & Alkalinity	5% w/v, Sol, In ethanol (96%) is neutral.
Assay (% W/W)	NLT 99.50% W/W

Uses: Menthol crystals are cooling, refreshing, and have a pleasantly strong minty aroma. They are often used in cosmetics, salves, balms, medicated creams, throat lozenges, toothpaste, mouthwash, gum, foot sprays, pain relief or cooling body products, shampoos, conditioners, liniments, shaving creams, oral or throat sprays, compresses, medicated oils, and cooling gels. Menthol crystals are Excellent for use in these products to help relieve muscular aches and pains, coughing, congestion, the flu, and upper respiratory problems.

Storage: Keep in cool and dry place.

Shelf life: NLT 2 years

Notes: Stores well under most conditions, but excessive humidity may cause it to cake up and harden. Exposure to levels of high heat will also cause it to melt.

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Anhui 230022
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