

MENTHOL CRYSTALS - NATURAL – SAFETY DATA SHEET

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

PRODUCT IDENTIFIER

Product name (as labelled)	Menthol Crystals - Natural
Uses	In perfumery/ flavouring. Terpenoid found in cigarettes, liqueur, flavouring agent, chewing gum, chest rubs, cough drops. Also acts as a weak kappa opioid receptor agonist.

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Registered distributor company name	Pure Ingredients Ltd
Address	626A Rosebank Road, Avondale 1026
Telephone	+649 8135619
Website	www.pureingredients.co.nz
Email	compliance@pureingredients.co.nz

EMERGENCY TELEPHONE NUMBER

Association / Organisation	0800 CHEMCALL / 800 243 622 (24hr)
Emergency telephone numbers	111
Other emergency telephone numbers	0800 764 766

SECTION 2 HAZARDS IDENTIFICATION

HSNO Hazard Classification: 6.1E (oral), 6.3A, 6.4A, 9.1D (algal), 9.1D (crustacean), 9.1D (fish), 9.2D

Hazardous Nature: This product is classified as hazardous under HSNO criteria.



Pictogram:

Signal Word: **WARNING**

HAZARD STATEMENT:

H303 May be harmful if swallowed.

H315 Causes skin irritation.

H423 Harmful to the soil environment

H413 May cause long lasting harmful effects to aquatic life.

H319 Causes serious eye irritation.

PREVENTION:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE:

P312 Call a POISON CENTER/doctor/physician/first aider/if you feel unwell.

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

P337+P313 If eye irritation persists: Get medical advice/attention.

P302+P352 IF ON SKIN: Wash with plenty of water and soap.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents/container in accordance with local regulations.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS No.	% by weight
Menthol Crystals	2216-51-5	100

SECTION 4 FIRST AID MEASURES

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

Eye	Flush immediately with cold clean water for at least 15 minutes, contact physician immediately.
Skin	Thoroughly wash the affected area with soap and water. Flush with large quantities of water. If irritation persists, call a physician.
Inhalation	Remove individual to fresh air, contact physician if necessary.
Ingestion	Administer water or milk to dilute. Contact a physician or local poison control center immediately.

SAFETY DATA SHEET

SECTION 5 FIREFIGHTING MEASURES

Extinguishing Media	CO2; Foam; Dry Chemical.
Special Fire Fighting Procedure	Wear protective clothing to prevent contact with skin and eyes.
Unusual Fire and Explosion Hazards	None

SECTION 6 ACCIDENTAL RELEASE MEASURES

Procedure: Remove any source of flame or sparks. If in a confined area, NIOSH approved respiratory protection may be required. Absorb spills with vermiculite or other suitable material, and remove to an approved disposal container. Dispose of in accordance with current laws and regulations.

SECTION 7 HANDLING AND STORAGE

Store in tight full containers in a cool dry place away from light.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Eyes	The use of Goggles or a face shield is recommended.
Respiratory	Respiratory protection is normally not required in well ventilated areas. However, NIOSH approved respiratory protection may be required when the material is rated toxic by inhalation or if the material is to be used in a confined area.
Other Protective Devices	Chemical resistant gloves are recommended.
Ventilation	Ventilation meeting ACGIH Standards should be employed.
Work/Hygienic Practices	Use good personal hygiene practices; Limit exposure to product whenever possible. Wash any contaminated clothing or shoes before each use.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour	Colourless crystals. Minty cool
Melting Point °C	42 to 44 C
Heavy Metal	≤10ppm
Specific Gravity (@20°C)	See Product Specification
Optical Rotation (@25°C)	See Product Specification
Flash Point °C	101 C (Tag Closed Cup)
Flammability (solid, gas)	N/A
Auto flammability	N/A
Explosive Properties	N/A
Oxidizing Properties	N/A

SECTION 10 STABILITY AND REACTIVITY

Hazardous Polymerization	Will not occur
Hazardous Decomposition Products	Not found
Materials and/or conditions to avoid	Not found

SAFETY DATA SHEET**SECTION 11 TOXICOLOGICAL INFORMATION**

Threshold Limit Value (ACGIH TLV): None Established

Threshold Limit Value (OSHA PEL): None Established

Carcinogenicity:

NTP Monograph: None Established

IARC Monograph: None Established

Acute Toxicity Data:

Oral LD50: None Established

Dermal LD50: None Established

Inhalation LC50: None Established

Health Hazards (Acute and Chronic):

Ingestion: None Established

Inhalation: None Established

Skin Contact: Powder May be Irritating

Eye Contact: Powder May be Irritating

Note: The above effects are based on evaluation of individual components and the relevancy to the mixture as whole or to humans is unknown

Other Effects: None Established

SECTION 12 ECOLOGICAL INFORMATION

Biodegradability: not determined

Aquatic toxicity: not determined

Bioaccumulation Potential: not determined

SECTION 13 DISPOSAL CONSIDERATION

Sweep up carefully and transfer to another container and dispose in accordance with local regulations.

Subsequently flush the area with water.

SECTION 14 TRANSPORT INFORMATION

Not hazardous under applicable IMO, DOT, IATA, and ICAO regulations.

UN Number: None

SECTION 15 REGULATORY INFORMATION

HSR Number HSR003298

Group Standard - Not Available

SECTION 16 OTHER INFORMATION

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product, but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.

Reference: supplier's SDS.

Version: 00 Revision Date: 22/09/2020: PIL SDS, New issue.