

PRODUCT DETAILS		
Product Name	MENTHOL CRYSTALS	
Product Code	RMMENTCRYS	
Chemical Name	2-isopropyl-5-methylcyclohexanol	
Best Before Date	August 2026	
Batch Number	4515907	
	Chapma distillation of plant filtration	a chilling molting blonding distillation filtration
Manufacturing Process	Steam distillation of plant - filtration - chilling - melting - blending - distillation - filtration - crystalisation - centrifugation - seiving - packing.	
Identification	CAS No: 2216-51-5	EINECS No: 218-690-9
	FEMA No: 2665	Alternative Cas:
PHYSICAL AND CHEMICAL	. CHARACTERISTIC	
	SPECIFICATION RANGES	RESULTS
Appearance	Crystalline Solid (Crystals)	Conforms
Colour	White / off - white	Conforms
Odour	Characteristic	Conforms
Melting Point	>=41 to <=43°c	42.1
Optical Rotation	-45° to -51°c	-49.7
Purity by GC	min 99%	99.3
STORAGE AND SHELF LIFE		
Storage	Store in tightly sealed original co	ontainers, in a cool, dry, well ventialted place.
Shelf Life	36 months unopened and stored as above.	



### CMR (Carcinogenic, mutagenic, reprotoxic) STATEMENT

We hereby confirm, to the best of our knowledge and from information received from our supplier, that the below mentioned product does not contain any CMR Substances.

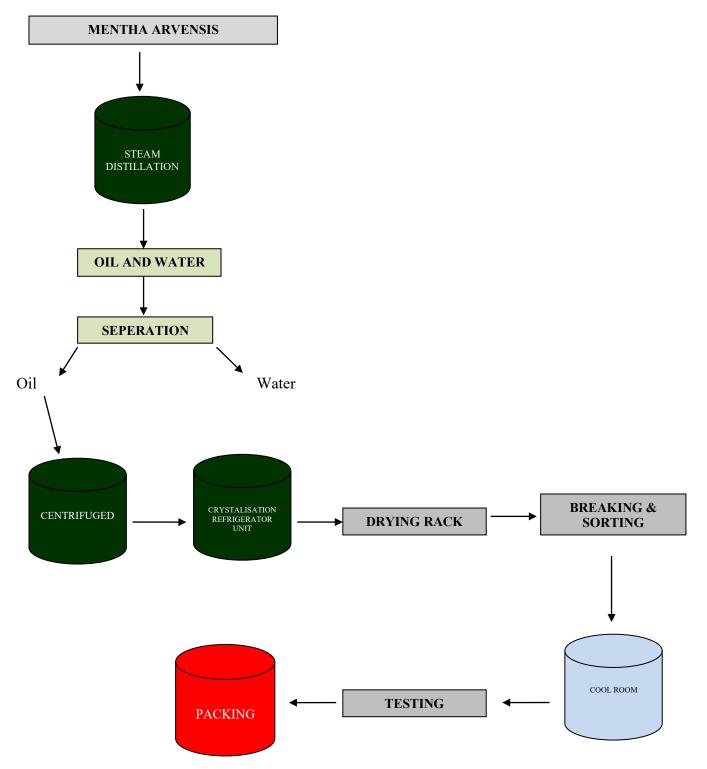
However, due to the fact that we do not analyse the batches, we cannot guarantee any explicit assurance.

Product: Menthol Crystals Chinese

15 December 2021



### MENTHOL CRYSTALS FLOW CHART



19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk Page 3 of 18



### SAFETY DATA SHEET MENTHOL CRYSTALS CHINESE

he substance/mixture and of the company/undertaking	
MENTHOL CRYSTALS CHINESE	
2-isopropyl-5-methylcyclohexanol	
MENTCH1001	
L- Menthol, Menthol Natural	
01-2119458866-21-XXXX	
2216-51-5	
218-690-9	
of the substance or mixture and uses advised against	
Component of: Cosmetic products and Pharmaceutical products. Fragrance and flavour	
Identified uses       Component of: Cosmetic products and Pharmaceutical products. Fragrance and flavour         1.3. Details of the supplier of the safety data sheet	
Madar Corporation Limited	
19- 20 Sandleheath Industrial Estate	
Fordingbridge	
SP6 1PA	
Tel. +44 1425 655 555	
technical@madarcorporation.co.uk	
tecnnical@madarcorporation.co.uk	
tecnnical@madarcorporation.co.uk	
mber	

Classification (EC 1272/200	<u>(8)</u>
Physical hazards	Not Classified
Health hazards	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319
Environmental hazards	Not Classified
2.2. Label elements	
EC number	218-690-9
Hazard pictograms	



Hazard statements	H315 Causes skin irritation. H319 Causes serious eye irritation.
Precautionary statements	<ul> <li>P264 Wash contaminated skin thoroughly after handling.</li> <li>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</li> <li>P302+P352 IF ON SKIN: Wash with plenty of water.</li> <li>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P332+P313 If skin irritation occurs: Get medical advice/ attention.</li> <li>P337+P313 If eye irritation persists: Get medical advice/ attention.</li> </ul>
Supplementary precautionary statements 2.3. Other hazards	P321 Specific treatment (see medical advice on this label). P362+P364 Take off contaminated clothing and wash it before reuse.
SECTION 3: Composition/information on ingredients	

3.1. Substances	
Product name	MENTHOL CRYSTALS CHINESE
Chemical name	2-isopropyl-5-methylcyclohexanol
REACH registration number	01-2119458866-21-XXXX
CAS number	2216-51-5
EC number	218-690-9

#### **SECTION 4: First aid measures**

4.1. Description of first aid me	easures
General information	Move out of dangerous area. Never give anything by mouth to an unconscious person.
Inhalation	Move affected person to fresh air at once.
Ingestion	Rinse mouth thoroughly with water. Give plenty of water to drink. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if symptoms are severe or persist.
Skin contact	Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.
4.2. Most important symptom	s and effects, both acute and delayed
Skin contact	Irritating to skin.
Eye contact	Causes serious eye irritation.
4.3. Indication of any immedia	ate medical attention and special treatment needed
SECTION 5: Firefighting mea	isures
5.1. Extinguishing media	
Suitable extinguishing media	Use alcohol-resistant foam, carbon dioxide or dry powder to extinguish.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
5.2. Special hazards arising f	rom the substance or mixture
5.3. Advice for firefighters	9-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK

19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk Page 5 of 18

Hygiene measures

### MENTHOL CRYSTALS CHINESE

Protective actions during firefighting	Do not inhale explosion and/or combustion gases. Use self contained breathing apparatus. Cool containers exposed to flames with water until well after the fire is out.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
SECTION 6: Accidental release	se measures
6.1. Personal precautions, pro	tective equipment and emergency procedures
Personal precautions	Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear suitable protective equipment.
6.2. Environmental precaution	S
Environmental precautions	Do not discharge into drains or watercourses or onto the ground.
6.3. Methods and material for	containment and cleaning up
Methods for cleaning up	Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into suitable waste disposal containers and seal securely.
6.4. Reference to other section	ns
Reference to other sections	For waste disposal, see Section 13.
SECTION 7: Handling and sto	rage
7.1. Precautions for safe hand	ling
Usage precautions	Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Do not eat, drink or smoke when using this product.
7.2. Conditions for safe storag	e, including any incompatibilities
Storage precautions	Store in tightly-closed, original container in a well-ventilated place. Protect from sunlight. Keep away from heat.
7.3. Specific end use(s)	
SECTION 8: Exposure control	s/Personal protection
8.1. Control parameters	
8.2. Exposure controls	
Protective equipment	
Appropriate engineering controls	Provide adequate ventilation.
Personal protection	General protective and hygienic measures: Use personal protective equipment depending on concentration and amount of hazardous substance. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with eyes and skin.
Eye/face protection	Approved safety goggles.
Hand protection	Chemical resistant gloves (PVC)
Other skin and body protection	Avoid contact with skin.

Good personal hygiene procedures should be implemented 19-20 Sandieheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk Page 6 of 18

Respiratory protection	Generally unnecessary in a well ventilated area. If ventilation is insufficient, respiratory protection must be worn.
Environmental exposure controls	Avoid discharging into drains.

9.1. Information on basic physical and chemical properties		
Appearance	Crystalline solid.	
Colour	White/off-white.	
Odour	Characteristic.	
Melting point	>=41 - <=43°C	
Initial boiling point and range	212°C @ 1 atm	
Flash point	REACH dossier information. The test items flash point at room temperature of 22 $\pm$ 2°c and atmospheric pressure 102.0 kPa is 94 $\pm$ 2°c	
Flammability (solid, gas)	REACH dossier information. Scientifically unjustified.	
Vapour pressure	21 Pa @ 25°C	
Bulk density	0.49 g/cm3	
Solubility(ies)	REACH dossier information. Slightly soluble in water. Very soluble in the following materials: Ethanol. Chloroform.	
Partition coefficient	log Pow 3.13 @ 25°C	
Viscosity	REACH dossier information. Scientifically unjustified.	
Explosive properties	REACH dossier information. Scientifically unjustified.	
Optical rotation	-45° to -51°c	
9.2. Other information		
Hydrocarbon Content		
SECTION 10: Stability and rea	activity	
10.1. Reactivity		
Reactivity	No hazardous reactions if stored and handled as prescribed / indicated.	
10.2. Chemical stability		
Stability	Stable under normal conditions.	
10.3. Possibility of hazardous reactions		
10.4. Conditions to avoid		
Conditions to avoid	Avoid exposure to high temperatures or direct sunlight.	
10.5. Incompatible materials		
10.6. Hazardous decomposition products         SECTION 11: Toxicological information		
11.1. Information on toxicological effects		

**Toxicological effects** 

No information available.

SECTION 12: Ecological info	ormation
12.1. Toxicity	
12.2. Persistence and degra	dability
Biodegradation	The substance is readily biodegradable.
12.3. Bioaccumulative poten	tial
Bioaccumulative potential	REACH DOSSIER INFORMATION - Concluded that the substance menthol has no bio accumulation potential.
Partition coefficient	log Pow 3.13 @ 25°C
12.4. Mobility in soil	
Henry's law constant	4.8 Pa m³/mol @ 12°C
12.5. Results of PBT and vP	vB assessment
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
12.6. Other adverse effects	
SECTION 13: Disposal cons	iderations
13.1. Waste treatment metho	ods
General information	Dispose of in compliance with all local and national regulations.
SECTION 14: Transport info	rmation
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
14.1. UN number	
Not applicable.	
14.2. UN proper shipping na	me
Not applicable.	
14.3. Transport hazard class	<u>(es)</u>
No transport warning sign re	quired.
14.4. Packing group	
Not applicable.	
14.5. Environmental hazards	
Environmentally hazardous s	substance/marine pollutant
14.6. Special precautions for	'User
Not applicable.	
14.7. Transport in bulk accor	rding to Annex II of MARPOL and the IBC Code
Transport in bulk according t Annex II of MARPOL 73/78 and the IBC Code	o Not applicable.
	19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK

#### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Guidance CHIP for everyone HSG228.

15.2. Chemical safety assessment

#### Inventories

EU - EINECS/ELINCS Listed

Canada - DSL/NDSL

Listed

US - TSCA

Listed

US - TSCA 12(b) Export Notification Not listed.

#### Australia - AICS

Listed

Japan - ENCS Listed

Korea - KECI Listed

China - IECSC Listed

Philippines – PICCS Listed

New Zealand - NZIOC Listed

Taiwan - NECI Listed

#### SECTION 16: Other information

Revision date	11/03/2019
Revision	4
Supersedes date	05/06/2018
SDS number	5025
Hazard statements in full	H315 Causes skin irritation. H319 Causes serious eye irritation.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



### SAFETY DATA SHEET MENTHOL CRYSTALS CHINESE

SECTION 1: Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Product name	MENTHOL CRYSTALS CHINESE	
Chemical name	2-isopropyl-5-methylcyclohexanol	
Product number	MENTCH1001	
Synonyms; trade names	L- Menthol, Menthol Natural	
EU REACH registration number	01-2119458866-21-XXXX	
CAS number	2216-51-5	
EC number	218-690-9	
1.2. Relevant identified uses of the substance or mixture and uses advised against		
Identified uses	Component of: Cosmetic products and Pharmaceutical products. Fragrance and flavour	
1.3. Details of the supplier o	f the safety data sheet	
Supplier	Madar Corporation Limited 19 - 20 Sandleheath Industrial Estate Fordingbridge SP6 1PA Tel. 01425 655 555 e-mail technical@madarcorporation.co.uk	

#### 1.4. Emergency telephone number

SECTION 2: Hazards identification		
2.1. Classification of the subs	tance or mixture	
Classification (SI 2019 No. 72	20)	
Physical hazards	Not Classified	
Health hazards	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	
Environmental hazards	Not Classified	
2.2. Label elements		
EC number	218-690-9	
Hazard pictograms		

Signal word	Warning	
Hazard statements	H315 Causes skin irritation. H319 Causes serious eye irritation.	
Precautionary statements	<ul> <li>P264 Wash contaminated skin thoroughly after handling.</li> <li>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</li> <li>P302+P352 IF ON SKIN: Wash with plenty of water.</li> <li>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P332+P313 If skin irritation occurs: Get medical advice/ attention.</li> <li>P337+P313 If eye irritation persists: Get medical advice/ attention.</li> </ul>	
Supplementary precautionary statements	P321 Specific treatment (see medical advice on this label). P362+P364 Take off contaminated clothing and wash it before reuse.	
2.3. Other hazards		
SECTION 3: Composition/information on ingredients		
3.1. Substances		
Product name	MENTHOL CRYSTALS CHINESE	
Chemical name	2-isopropyl-5-methylcyclohexanol	
CAS number	2216-51-5	
EC number	218-690-9	

#### **SECTION 4: First aid measures**

4.1. Description of first aid me	asures
General information	Move out of dangerous area. Never give anything by mouth to an unconscious person.
Inhalation	Move affected person to fresh air at once.
Ingestion	Rinse mouth thoroughly with water. Give plenty of water to drink. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if symptoms are severe or persist.
Skin contact	Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.
4.2. Most important symptoms	s and effects, both acute and delayed
Skin contact	Irritating to skin.
Eye contact	Causes serious eye irritation.
4.3. Indication of any immedia	te medical attention and special treatment needed
SECTION 5: Firefighting measurements	sures
5.1. Extinguishing media	
Suitable extinguishing media	Use alcohol-resistant foam, carbon dioxide or dry powder to extinguish.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
5.2. Special hazards arising fr	om the substance or mixture
5.3. Advice for firefighters	9-20 Sandleheath Industrial Estate. Fordingbridge. Hampshire. SP6 1PA, UK

19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk Page 12 of 18

Protective actions during firefighting	Do not inhale explosion and/or combustion gases. Use self contained breathing apparatus. Cool containers exposed to flames with water until well after the fire is out.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
SECTION 6: Accidental release	se measures
6.1. Personal precautions, pro	tective equipment and emergency procedures
Personal precautions	Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear suitable protective equipment.
6.2. Environmental precaution	S
Environmental precautions	Do not discharge into drains or watercourses or onto the ground.
6.3. Methods and material for	containment and cleaning up
Methods for cleaning up	Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into suitable waste disposal containers and seal securely.
6.4. Reference to other section	ns
Reference to other sections	For waste disposal, see Section 13.
SECTION 7: Handling and sto	rage
7.1. Precautions for safe hand	lling
Usage precautions	Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Do not eat, drink or smoke when using this product.
7.2. Conditions for safe storag	e, including any incompatibilities
Storage precautions	Store in tightly-closed, original container in a well-ventilated place. Protect from sunlight. Keep away from heat.
7.3. Specific end use(s)	
SECTION 8: Exposure control	ls/Personal protection
8.1. Control parameters	
8.2. Exposure controls	
Protective equipment	
Appropriate engineering controls	Provide adequate ventilation.
Personal protection	General protective and hygienic measures: Use personal protective equipment depending on concentration and amount of hazardous substance. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with eyes and skin.
Eye/face protection	Approved safety goggles.
Hand protection	Chemical resistant gloves (PVC)
Other skin and body protection	Avoid contact with skin.

Hygiene measures

Good personal hygiene procedures should be implemented 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk Page 13 of 18

Respiratory protection	Generally unnecessary in a well ventilated area. If ventilation is insufficient, respiratory protection must be worn.
Environmental exposure controls	Avoid discharging into drains.

SECTION 9: Physical	and chemical	properties
---------------------	--------------	------------

9.1. Information on basic phys	ical and chemical properties	
Appearance	Crystalline solid.	
Colour	White/off-white.	
Odour	Characteristic.	
Melting point	>=41 - <=43°C	
Initial boiling point and range	212°C @ 1 atm	
Flash point	REACH dossier information. The test items flash point at room temperature of 22 $\pm$ 2°c and atmospheric pressure 102.0 kPa is 94 $\pm$ 2°c	
Flammability (solid, gas)	REACH dossier information. Scientifically unjustified.	
Vapour pressure	21 Pa @ 25°C	
Bulk density	0.49 g/cm3	
Solubility(ies)	REACH dossier information. Slightly soluble in water. Very soluble in the following materials: Ethanol. Chloroform.	
Partition coefficient	log Pow 3.13 @ 25°C	
Viscosity	REACH dossier information. Scientifically unjustified.	
Explosive properties	REACH dossier information. Scientifically unjustified.	
Optical rotation	-45° to -51°c	
9.2. Other information		
Hydrocarbon Content		
SECTION 10: Stability and rea	activity	
10.1. Reactivity		
Reactivity	No hazardous reactions if stored and handled as prescribed / indicated.	
10.2. Chemical stability		
Stability	Stable under normal conditions.	
10.3. Possibility of hazardous	reactions	
10.4. Conditions to avoid		
Conditions to avoid	Avoid exposure to high temperatures or direct sunlight.	
10.5. Incompatible materials		
10.6. Hazardous decomposition products         SECTION 11: Toxicological information		
11.1. Information on toxicological effects		
Toxicological effects	No information available.	
-		

19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk Page 14 of 18

SECTION 12: Ecological info	ormation
12.1. Toxicity	
12.2. Persistence and degrad	dability
Biodegradation	The substance is readily biodegradable.
12.3. Bioaccumulative poten	tial
Bioaccumulative potential	REACH DOSSIER INFORMATION - Concluded that the substance menthol has no bio accumulation potential.
Partition coefficient	log Pow 3.13 @ 25°C
12.4. Mobility in soil	
Henry's law constant	4.8 Pa m³/mol @ 12°C
12.5. Results of PBT and vP	vB assessment
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
12.6. Other adverse effects	
SECTION 13: Disposal cons	iderations
13.1. Waste treatment metho	ods
General information	Dispose of in compliance with all local and national regulations.
SECTION 14: Transport info	rmation
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
14.1. UN number	
Not applicable.	
14.2. UN proper shipping na	me
Not applicable.	
14.3. Transport hazard class	<u>(es)</u>
No transport warning sign re	quired.
14.4. Packing group	
Not applicable.	
14.5. Environmental hazards	
Environmentally hazardous s	substance/marine pollutant
14.6. Special precautions for	' user
Not applicable.	
14.7. Transport in bulk accor	ding to Annex II of MARPOL and the IBC Code
Transport in bulk according t Annex II of MARPOL 73/78 and the IBC Code	o Not applicable.
	19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK

#### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Guidance

CHIP for everyone HSG228.

#### 15.2. Chemical safety assessment

#### Inventories

EU - EINECS/ELINCS Listed

#### Canada - DSL/NDSL Listed

### US - TSCA

Listed

#### US - TSCA 12(b) Export Notification Not listed.

### Australia - AIIC

Listed

### Japan - ENCS

Listed

#### Korea - KECI Listed

China - IECSC Listed

#### Philippines – PICCS Listed

#### New Zealand - NZIOC Listed

**Taiwan - TCSI** Listed

#### SECTION 16: Other information

Revision date	27/10/2022
Revision	5
Supersedes date	11/03/2019
SDS number	5025
Hazard statements in full	H315 Causes skin irritation. H319 Causes serious eye irritation.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's second belief, accurate as to the suitable as to the suitab



## **Product Specification**

Product Name	MENTHOL CRYSTALS	
Product Code		
Chemical Name	2-isopropyl-5-methylcyclohexanol	
Country of Origin	China / India	
Tariff Number	29061100	
REACH Registration	01-2119458866-21-XXXX	
Natural Status	We hereby declare, to the best of our knowledge and from information received from our supplier, that this product is in accordance to the requirements of Articles 3 (2) (d) of Regulation (EC) 1334/2008 and therefore can be designated as natural.	
Food Grade Status	We confirm, from information received from our supplier, that this product conforms with EU Regulations and can be used in food.	
Kosher Certified	Yes	
Halal Certified	We hereby delcare, from information received from our supplier, that this product does not contain any ingredient derived from animal origin, extracted from hair or feathers, animal fats, animal extracts, blood of any origin, blood plasma, pork and/or other meat products. This product does not contain alcohol (ethanol or grain alcohol) and has not been used in the manufacturing process.	
GMO Declaration	To the best of our knowledge and from information received from our supplier, this product does not derive from genetically modified starting raw material, or additives that are derived from genetically modifed organisms.	
Manufacturing Process	Steam distillation of plant - filtration - chilling - melting - blending - distillation - filtration - crystalisation - centrifugation - seiving - packing.	
Identification	CAS No: 2216-51-5 EINECS No: 218-690-9	
	FEMA No: 2665 Alternative Cas:	
PHYSICAL AND CHEN	/ICAL CHARACTERISTIC	
Appearance	Crystalline Solid (Crystals)	
Colour	White / off - white	
Odour	Characteristic	
Melting Point	>=41 to <=43°c	
Initial boiling point	212°c @ 1 atm	
	REACH dossier information. The test items flash point at roomm temperature of 22 ± 20	
Flash point	and atmospheric pressure 102.0 kPa is $94 \pm 2c$	
Vapour pressure	21 Pa @ 25°c	
Bulk Density @ 20°c	0.49 g/cm <sup>3</sup>	
Optical Rotation	-45° to -51°	
Purity by GC	min 99%	
FRAGRANCE ALLERG	ENS	
NONE PRESENT		
FOOD ALLERGENS		
NONE PRESENT		
IFRA		
NONE PRESENT		
STORAGE AND SHEL	FLIFE	
Storage	Store in tightly sealed original containers, in a cool, dry, well ventialted place.	
Shelf Life	36 months in cool place (25+2°c) away from heat and sunlight	

Company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the users responsibility to satisf himself as to the suitability of such information for his own particular use. Where we make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. It is the ultimate responsibility of the customer to ensure the safety of the intended final product containg this material, by carrying out additional tests if necessary.



# **Vegan and Vegetarian Statement**

	IDENTIFICATION		
Product:	Menthol Crystals		
Cas No:	2216-51-5		
EINECS No:	218-690-9		
	STATEMENT		
	oration Limited, from information received from our supplier, hereby material listed above is compliant with a vegan or vegetarian diet.		
	in any animal ingredients or animal by products. No animal ingredient re used in the manufacturing process.	ts	
does not release t	esents to the best of our knowledge and from information received from our supplie buyer from the obligation to carry out an examination of the goods received. All us are done under their own responsibility.		