

	Dossier technique et réglementaire / <i>Technical and regulatory document</i> MENTHOL CRYSTAL	Juin 2022 / June 2022
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INCI: **Menthol**
N°CAS: 2216-51-5
N°EINECS/ELINCS: 218-690-9

DESCRIPTION / DESCRIPTION:

Produit naturel obtenu par extraction puis recristallisation de l'huile de *Mentha Arvensis* / *Natural product obtained by extraction then recrystallisation from the oil of Mentha Arvensis*

CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS:

CARACTERISTIQUES	SPECIFICATIONS
Aspect / <i>Aspect</i>	Cristal blanc / <i>White crystal</i>
Pureté / <i>Purity</i>	≥ 99 %
Point de fusion / <i>Melting point</i>	41 – 44 °C
Rotation optique (20°C) / <i>Optical rotation (20°C)</i>	-46° / -51°
Résidu à l'évaporation / <i>Residue on evaporation</i>	≤ 0.05 %
Métaux lourds / <i>Heavy metals</i>	≤ 0.01 %

Ces éléments seront repris sur nos BA / these elements will be on our CoA

Ces caractéristiques sont conformes aux précédentes spécifications datées de Juin 2016 / These features are in accordance with previous specifications dated on June 2016

CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION:

Odeur : fraîche, caractéristique, odeur de menthe / *Odour : characteristic fresh, minty odour*

Substances apparentées / *Related substances* : ≤ 1 %

Acidité et alcalinité : conforme aux standard / *Acidity and alkalinity : comply to standard*

Ce produit est végétalien / *This product is suitable for vegan*

APPLICATIONS:

Tonifiant pour la peau, refroidissement, production de produits ménagers, de soins personnels, de saveurs, de parfums et d'aromathérapie

/ Skin tonic, cooling, production of household, personal care, flavours, fragrances and aromatherapy

CONDITIONNEMENT STANDARD / STANDARD PACKAGING:

Cartons de 25 kg / *25 kg cardboard boxes*

Matière première classifiée comme substance dangereuse (voir fiche de données de sécurité) / *Raw material classified as dangerous substance (see safety data sheet)*

Additives	This product doesn't contain additives Note : Pulegone is present in mentha arvensis oil at around the 1% level but of course the menthol crystals are 99.5% pure. Pulegone level less than 0.05%.
Allergen	This product doesn't contain food allergen (regulation EU No1169/2011 Annex II) and cosmetic allergen (regulation 1223/2009)
Animal Testing	This product has not been tested on animals
BSE - Bovine Spongiform Encephalopathy	No risk of BSE
California Prop 65	This product (CAS: 2216-51-5) is not listed
Carcinogenic, Mutagenic	This product doesn't contain CMR (directive 1272/2008/CE)



MENTHOL CRYSTAL

and Reprotoxic (CMR)	
Composition	99.5 % l-menthol
Cosmetic	This product complies with Cosmetic regulation 1223/2009/CEE
Cosmos / Ecocert	This product is Cosmos approved, see our attestation
Danger	This product is classified as dangerous in accordance with CLP and not applicable with ADR
Dioxane	This product doesn't contain dioxane
Ecolabel	<i>No data available</i>
European Pharmacopeia	This product is compliant with the current European Pharmacopeia
Food	Is a food grade product. This product complies with food additive regulation 231/2012
Genetically Modified Organisms (GMO)	This product doesn't contain GMO (< 0.1 %; decree n°2012- 128 of 30/01/2012)
Inventories	Compliant with China IECSC, USA TSCA, New Zealand NZIoC, Taiwan TCSI, Korea KECl, Philippines PICCS, Australia AICS, Canada DSL
Geographic origin (for plant)	<i>No data available</i>
Glycol ether	This product doesn't contain glycol ether
Halal	This product is Halal certified
Heavy Metals	This product doesn't contain heavy metals (lead ≤ 5 ppm, arsenic ≤ 3ppm, Cadmium ≤ 1ppm, mercury ≤ 0.1 ppm)
HS code	2906110000
Irradiation / ionization	There is no ionization / irradiation during the manufacturing process
Kosher	This product is Kosher certified
Latex	This product doesn't contain latex
Manufacturing location	India
Microbiological data	<i>No data available</i>
Nanomaterials	This product doesn't contain nanomaterials (commission recommendation, 2011/696 and cosmetic regulation 1223/2009)
Nutritional data	<i>No data available</i>
Origin	100 % vegetable (mentha arvensis)
Pesticide	This product doesn't contain pesticides
Phthalate	This product doesn't contain phthalate
Preservative	This product doesn't contain preservative (cosmetic regulation 1223/2009/CEE and 2003/15/CE)
Process	The steam distillation of natural mentha arvensis crop yields mentha arvensis oil. This oil is then cooled at lower temperatures for a few weeks to form menthol crystals. These crystals are filtered and packaged as menthol crystals
REACH	This product is registered 01-2119458866-21
Residual Solvents	This product doesn't contain residual solvents (note CPMP/ICH/283/95)
RSPO	This product is not derived from palm oil or palm kernel oil – not concerned
Shelf Life before re-check	5 years
Substances of Very High Concern (SVHC)	This product doesn't contain SVHC
Volatiles organic compounds (VOC)	This product doesn't contain VOC (directive N° 2010/79/UE)

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Ce document annule et remplace tous documents techniques et réglementaires précédents / *This document cancel and replace all technical and regulatory previous documents.*