	Dossier technique et réglementaire / <i>technical and regularoty document</i> SILICONE CMM 55	Novembre 2019 / <i>November 2019</i>
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INCI: cyclopentasiloxane (&) cyclohexasiloxane
N° CAS: 541-02-6 & 540-97-6
N°EINECS/ELINCS: 208-764-9 & 208-762-8

DESCRIPTION / DESCRIPTION :

La Silicone CMM 55 (Silcorel cyclométhicone 55) est un liquide clair et incolore à faible viscosité et haute volatilité.
/ *Silicone CMM 55 (Silcorel cyclomethicone 55) is a clear and colourless liquid with low viscosity and high volatility.*

CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS:

CARACTERISTIQUES	SPECIFICATIONS
Aspect	Liquide clair et incolore
D4 : cyclotetrasiloxane	≤ 0.94 %
D5 : pentacyclosiloxane	60.00-70.00 %
D6 : hexacyclosiloxane	30.00-40.00 %
Teneur en eau / water content	≤ 250 ppm
Densité / density	0.95 – 0.97
Viscosité à 25°C / viscosity at 25°C	4.00 – 8.00 cSt

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

Ces caractéristiques sont conformes aux précédentes spécifications datées de septembre 2017 / These features are in accordance with previous specifications dated on September 2017

CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION:

Température d'auto-inflammabilité / *Auto-ignition temperature*: approx. 380°C
Point éclair (COC) / *Flash point*: approx 83°C


APPLICATIONS :

Principalement utilisé comme émoullissants dans tous les types d'applications de soins personnels (soins de la peau, antisudorifiques et déodorants, soins solaires, soins capillaires) / *Mainly used as emollients in all types of Personal Care applications (Skin Care, antiperspirant & deodorants, Sun care, Hair care)*

CONDITIONNEMENT STANDARD / STANDARD PACKAGING :

IBC de 950kg, Fut de 190/195 kg, tonnelet de 25/50kg / 950kg IBC, 190/195kg drum, 25/50 kg barrel
Matière première non classifiée comme substance dangereuse (voir fiche de données de sécurité) / *Raw material not classified as a dangerous substance (see safety data sheet)*

Additives	Doesn't contain nitrosamines, free amidoamine, free acrylamide, secondary amines, dimethyl aminopropyl amine, antioxidants, insecticides, formaldehyde, unreacted/ residual monomers, phenols, nonyl phenol ethoxylate, ethylene oxide, NTA, fluorochemicals, pathogens and no others impurities This product contains cyclosiloxanes D4 silicones (max 0.1%) CAS: 556-67-2 and cyclosiloxanes D3 silicones (max 0.1%) CAS : 541-05-9
Allergen	Doesn't contain any of the 26 SCCNFP fragrance allergens according to EU Cosmetic directive 1223/2009, gluten nuts, and any of the ALBA (food allergen database)
Animal Testing	Has not been tested on animals according to EU cosmetic directive 1223/2009
BSE - Bovine Spongiform Encephalopathy	This product is synthetic and not from animal origin – Not concerned

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California Prop 65	This product doesn't contain any substances listed on the most recent California proposition 65
Carcinogenic, Mutagenic and Reprotoxic (CMR)	This product substance classified as CMR: it contains the cyclotetrasiloxane CAS: 556-67-2 (< 0.1%)
Composition	cyclopentasiloxane (60-70%) + cyclohexasiloxane (30-40%) + cyclotetrasiloxane (< 0.1%) + cyclotrisiloxane (< 0.1 %) + cycloheptasiloxane through cyclododecasiloxane (<2%)
Cosmetic	Compliant according to Cosmetics directive 1223/2009
Cosmos / Ecocert	This product synthetic is not accepted by Cosmos
Danger	This product is not classified as dangerous in accordance with CLP and ADR
Dioxane	Doesn't contain 1,4 dioxane
Ecolabel	This product is not Ecolabel certified
European Pharmacopeia	<i>No data available</i>
Food	This product doesn't comply with EU regulation 1935/2004/EEC as a material intended to come into incidental contact with food
Genetically Modified Organisms (GMO)	Doesn't contain GMO
Inventories	No restriction to Europe EINECS/ELINCS, USA TSCA, Japan MITI/ENCS, Japan MOL/ISHL, Canada DSL/NDSL, Australia AICS, Korea KECI, China IECSC, Philippines PICCS, New Zealand HSNO
Geographic origin (for plant)	Not concerned
Glycol ether	Doesn't contain glycol ether
Halal	This product is not halal certified
Heavy Metals	Contain heavy metals (total amount of heavy metals: 20ppm), no intentionally added
HS code	29319000
Irradiation / ionization	<i>No data available</i>
Kosher	This product is not kosher certified
Latex	<i>No data available</i>
Manufacturing location	Europe
Microbiological data	Free from pathogens, mycotoxins and doesn't support microbiological growth
Nanomaterials	Doesn't contain nanomaterials according to the definition in EU Cosmetics Directive 1223/2009
Nutritional data	Is not a food grade product - Not concerned
Origin	100% synthetic
Pesticide	Doesn't contain pesticides
Phthalate	Doesn't contain phthalates
Preservative	<i>No data available</i>
Process	Dimethyldichlorosilane condensation followed by neutralization and distillation
REACH	Registered 01-2119511367 and 01-2119517435-42. Listed in annex XVII : yes, from 31 January 2020, cyclopentasiloxane as ingredient is not allowed anymore in wash-off cosmetic products with a content of ≥ 0.1 %.
Residual Solvents	Doesn't contain residual solvents
RSPO	This product doesn't contain palm oil – Not concerned
Shelf Life	3 years
Substances of Very High Concern (SVHC)	Doesn't contain SVHC
Volatiles organic compounds (VOC)	VOC 014.018 - CH : 0% VOC 1999/18/EG – EU : 100% VOC EPA 40CFR 51.000 – USA : 0%

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