

	Dossier technique et réglementaire / <i>technical and regulatory document</i> SILICONE CMM 55	Novembre 2024 / <i>November 2024</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	METHODES
Aspect	Liquide clair et incolore	
D3 : cyclotrisiloxane	Max 0.10%	GC
D4 : cyclotetrasiloxane	Max 0.10 %	GC
D5 : pentacyclosiloxane	60.00-70.00 %	GC
D6 : hexacyclosiloxane	30.00-40.00 %	GC
Teneur en eau / water content	≤ 150 ppm	-
Densité / density 25°C	0.950 – 0.960 g/cm ³	-
Viscosité à 25°C / viscosity at 25°C	4.00 – 8.00 mm ² /s	-

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

CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION:

Point éclair (COC) / *Flash point*: approx 80°C
ISO 16128 : 0/0/0/0

APPLICATIONS :

Principalement utilisé comme émollients 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 195 kg, tonnelet de 25/50kg / 950kg IBC, 195kg drum, 25/50 kg barrel

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 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, Doesn't contain any of the ALBA (food allergen database)
Animal Testing	Has been test, but only for REACH <i>(In August 2020, ECHA's Board of Appeal published two decisions on the interface between REACH and the Cosmetics Regulation. In these decisions, the Board of Appeal found that the Cosmetics Regulation does not prohibit testing under REACH. Also an earlier decision from the European Ombudsman supports this interpretation. For more information, please CHECK https://echa.europa.eu/documents/10162/9015407/Cosmetics_REACH_interface_en.pdf/ca6a7e41-64b0-aefa-acda-ff4993b296be?t=1617896699888)</i>
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%) IMPURITIES: + cyclotetrasiloxane (< 0.1%) + cyclotrisiloxane (< 0.1 %) + cycloheptasiloxane through cyclodecasiloxane (<2%)	
Cosmetic	Compliant according to Cosmetics directive 1223/2009 Contain Cyclotetrasiloxane (annex II). The impurity is technically unavoidable.	
Cosmos / Ecocert	This product synthetic is not accepted by Cosmos	
Danger	See our MSDS	
Dioxane	Doesn't contain 1,4 dioxane	
Ecolabel	This product is not Ecolabel certified	
European Pharmacopeia	No data available	
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	Listed in EINECS / ELINCS (EU) TSCA (USA) MITI / ENCS (Japan) MOL / ISHL (Japan) DSL / NDSL (Canada)	KECL (Korea) IECSC (China) PICCS (Philippines) HSNO / NZIoC (New Zealand) AICS / AIIC (Australia)
Geographic origin (for plant)	Not concerned	
Glycol ether	No data available	
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	No data available	
Kosher	This product is not kosher certified	
Latex	No data available	
Manufacturing location	Europe	
Microbiological data	Doesn't support microbiological growth	
Nanomaterials	No data available	
Nutritional data	Is not a food grade product - Not concerned	
Origin	100% synthetic	
Pesticide	Not expected	
Phthalate	Not expected	
Preservative	No data available	
Process	Dimethyldichlorosilane condensation followed by neutralization and distillation	
REACH	Registered 01-2119511367-43 & 01-2119517435-42 Listed in annex XVII : There is a restriction for cyclotetrasiloxane and/or cyclopentasiloxane content for wash-off cosmetic products with a concentration of ≥ 0.1 % of either. Cyclotetrasiloxane is below this threshold, but cyclopentasiloxane is above this threshold, so this product is restricted according to annex XVII.	
Residual Solvents	Doesn't contain residual solvents	

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RSPO	This product doesn't contain palm oil – Not concerned
Shelf Life	3 years
Substances of Very High Concern (SVHC)	Contain SVHC, see our MSDS
Volatiles organic compounds (VOC)	Is a VOC CH - Concentration VOC 014.018 in product (% m/m). Please state only when substances / products are on positive list: 0 % CH EU – Concentration VOC in product (% m/m), following directive 2010/75/EU : 100 % EU USA – Concentration VOC in product (% m/m), acc. EPA 40CFR 51.000: 0% USA

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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.*