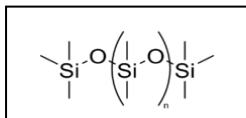
	Dossier technique et réglementaire / <i>technical and regularoty document</i> <b>SILICONE DM 350</b>	Octobre 2024 / October 2024
--	---	--------------------------------



INCI: **Dimethicone**  
N° CAS: **63148-62-9** / 9006-65-9 / 9016-00-6  
N°EINECS/ELINCS: –

**DESCRIPTION / DESCRIPTION :**

Polydimethylsiloxane

La Silicone DM 350 (Silcorel Dimethyl Polysiloxane 350) est un fluide clair comme de l'eau ayant une viscosité de 350 cSt. Ses propriétés spéciales sont dues à sa structure moléculaire

*Silicone DM 350 (Silcorel Dimethyl Polysiloxane 350) is a clear fluid such as water having a viscosity of 350 cSt. Its special properties are due to its molecular structure.*

**CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS:**

CARACTERISTIQUES	SPECIFICATIONS
Aspect / <i>Aspect</i>	Liquide clair et incolore / <i>Clear, colourless liquid</i>
Composés volatiles à 150°C/1h / <i>Volatile compounds at 150°C/1h</i>	≤ 2 %
Viscosité à 25°C/15min / <i>Viscosity at 25°C/15min</i>	330 - 370 mm <sup>2</sup> /s

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

**CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION:**

Point de congélation / *Freezing point*: -42.5°C

Densité à 25°C / *Density at 25°C*: 0.960 – 0.980 g/cm<sup>3</sup>

Indice de réfraction à 25°C / *Refractive index at 25°C*: 1.395 – 1.410

**APPLICATIONS :**

Les diméthicones sont principalement utilisées comme émoullients dans tous les types d'applications de soins personnels (soins de la peau, antiodorifiques et déodorants, soins solaires, soins capillaires et cosmétiques de couleur)

*Dimethicones are mainly used as emollients in all types of Personal Care applications (Skin Care, antiperspirant & deodorants, Sun care, Hair care and color Cosmetics)*

Intermédiaire chimique, additif / *Chemical intermediate, additive*


**CONDITIONNEMENT STANDARD / STANDARD PACKAGING :**

IBC de 1000kg, Fut de 200 kg, tonnelet de 25/50 kg / 1000kg IBC, 200 kg drum, 25/50kg 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)*

<b>Additives</b>	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, Propylene oxide, NTA, fluorochemicals, pathogens and no others impurities This product contains cyclotetrasiloxane D4 silicones (max 0.025%) CAS: 556-67-2
<b>Allergen</b>	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)
<b>Animal Testing</b>	Has not been tested on animals according to EU cosmetic directive 1223/2009
<b>BSE - Bovine Spongiform Encephalopathy</b>	This product is synthetic and not from animal origin – Not concerned
<b>California Prop 65</b>	<i>No data available</i>
<b>Carcinogenic, Mutagenic and Reprotoxic (CMR)</b>	Contain Cyclotetrasiloxane CAS 556-67-2 < 0.025% The impurity is technically unavoidable.

Composition	Chemical / INCI name	Conc. %	CAS No.	Einecs No.	Function	Source	SVHC?	Hazard class. Acc. CLP, EU 1272/2008
	Dimethicone	> 99	63148-62-9	Polymer	Diverse	Synthetic	No	Not classified
	Cyclotetrasiloxane	< 0.025	556-67-2	209-136-7	Impurity	Synthetic	Yes	GHS02, GHS08, GHS09, warning, H226-H361f-H410 (M=10)
	Cyclopentasiloxane	< 0.1	541-02-6	208-764-9	Impurity	Synthetic	Yes	Not classified
	Cyclohexasiloxane	< 0.1	540-97-6	208-762-8	Impurity	Synthetic	Yes	Not classified
<b>Cosmetic</b>	Compliant according to Cosmetics directive 1223/2009							
<b>Cosmos / Ecocert</b>	This product synthetic is not accepted by Cosmos and not Ecocert certified							
<b>Danger</b>	This product is not classified as dangerous in accordance with CLP and ADR							
<b>Dioxane</b>	Doesn't contain 1,4 dioxane							
<b>Ecolabel</b>	<i>No data available</i>							
<b>European Pharmacopeia</b>	<i>No data available</i>							
<b>Food</b>	This product doesn't comply with EU regulation 1935/2004/EEC as a material intended to come into incidental contact with food							
<b>Genetically Modified Organisms (GMO)</b>	Doesn't contain GMO							
<b>Inventories</b>	<i>EINECS / ELINCS (EU)</i>	Yes						
	<i>TSCA (USA)</i>	Yes						
	<i>MITI / ENCS (Japan)</i>	Yes						
	<i>MOL / ISHL (Japan)</i>	No						
	<i>DSL / NDSL (Canada)</i>	Yes						
	<i>AICS / AIC (Australia)</i>	Yes						
	<i>KECL (Korea)</i>	Yes						
	<i>IECSC (China)</i>	Yes						
	<i>PICCS (Philippines)</i>	Yes						
	<i>HSNO / NZIoC (New Zealand)</i>	Yes						
<b>Geographic origin (for plant)</b>	Not concerned							
<b>Glycol ether</b>	Doesn't contain glycol ether							
<b>Halal</b>	This product is not halal certified							
<b>Heavy Metals</b>	total amount of heavy metals: 10ppm no intentionally added							
<b>HS code</b>	39100000							
<b>Irradiation / ionization</b>	<i>No data available</i>							
<b>Kosher</b>	This product is not kosher certified							
<b>Latex</b>	<i>No data available</i>							
<b>Manufacturing location</b>	Europe							
<b>Microbiological data</b>	Free from mycotoxins and doesn't support microbiological growth							
<b>Nanomaterials</b>	Doesn't contain nanomaterials according to the definition in EU Cosmetics Directive 1223/2009							
<b>Nitrosamine</b>	Not present							
<b>Nutritional data</b>	Is not a food grade product - Not concerned							
<b>Origin</b>	100% synthetic							
<b>Pesticide</b>	Doesn't contain pesticides							
<b>Phthalate</b>	Doesn't contain phthalates							
<b>Preservative</b>	<i>No data available</i>							
<b>Process</b>	Ring opening polymerization							

	Dossier technique et réglementaire / <i>technical and regulatory document</i> <b>SILICONE DM 350</b>	Octobre 2024 / October 2024
--	---	--------------------------------

<b>REACH</b>	Product is considered a polymer within the scope of REACH and as such it is exempt from registration. All relevant monomers have been registered.				
<b>Residual Solvents</b>	Doesn't contain residual solvents				
<b>RSPO</b>	This product doesn't contain palm oil – Not concerned				
<b>Shelf Life</b>	6 years				
<b>Substances of Very High Concern (SVHC)</b>	contain SVHC		CAS	EINECS	
	Cyclotetrasiloxane	< 0.025 %	556-67-2	209-136-7	Impurity
	Cyclopentasiloxane	< 0.1 %	541-02-6	208-764-9	Impurity
	Cyclohexasiloxane	< 0.1 %	540-97-6	208-762-8	Impurity
<b>Volatiles organic compounds (VOC)</b>	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 :				< 0.3 % EU
	USA – Concentration VOC in product (% m/m), acc. EPA 40CFR 51.000:				0 % USA

----- END

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