


 INCI: **Dimethicone**

N° CAS: 63148-62-9 / 9006-65-9 / 9016-00-6

N°EINECS/ELINCS: -

**DESCRIPTION / DESCRIPTION :**

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***

**Ces caractéristiques sont conformes aux précédentes spécifications datées d'octobre 2017 / *These features are in accordance with previous specifications dated on October 2017***

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

 Insoluble dans l'eau / *Insoluble in water*

 Température d'auto-inflammabilité / *Auto-ignition temperature: approx. 410°C*

 Point éclair (COC) / *Flash point: > 300°C*

 Point de congélation / *Freezing point: -50°C*

 Densité à 25°C / *Density at 25°C: 0.970*

 Tension de surface / *Surface tension: 21.1 mN/m*

 Indice de réfraction à 25°C / *Refractive index at 25°C: 1.403°C*
**APPLICATIONS :**

Les diméthicones sont principalement utilisées comme émoullissants dans tous les types d'applications de soins personnels (soins de la peau, antisudorifiques 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, NTA, fluorochemicals, pathogens and no others impurities This product contains cyclotetrasiloxane D4 silicones (max 0.1%) 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>	This product doesn't contain any substances listed on the most recent California proposition 65
<b>Carcinogenic, Mutagenic and Reprotoxic (CMR)</b>	This product substance classified as CMR: it contains the cyclotetrasiloxane CAS: 556-67-2 ( < 0.1% )
<b>Composition</b>	Dimethicone ( > 99 % ) + cyclotetrasiloxane ( < 0.1 % ) + cyclopentasiloxane ( < 0.1 % )
<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>	This product is not Ecolabel certified
<b>European Pharmacopeia</b>	This product is compliant to European pharmacopeia
<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>	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
<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>	Doesn't contain heavy metals (total amount of heavy metals: 10ppm)
<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 pathogens, 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>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
<b>REACH</b>	This product is a polymer - Exempted from REACH, but monomer(s) are registered. Note that, from 31 January 2020 the cyclotetrasiloxane and/or cyclopentasiloxane impurity content is restricted by reach annex XVII for wash-off cosmetic products with a concentration of $\geq 0.1\%$ of either. If possible the impurity content of cyclotetrasiloxane and/or cyclopentasiloxane will be lowered to $< 0.1\%$ as soon as possible
<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>	Doesn't contain SVHC
<b>Volatiles organic compounds (VOC)</b>	Doesn't contain VOC

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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.*