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INCI: **Hydrogenated Polyisobutene**
N° CAS: 68937-10-0
N°EINECS/ELINCS: polymère / *polymer*

DESCRIPTION / DESCRIPTION:

Isoparaffine saturée et raffinée obtenue par polymérisation sélective d'isobutane. Son action est similaire à celle du squalène naturel. / *Saturated and raffined isoparaffine issus from polymerization by isobutan. Action is similar as natural squalen.*

Contient un anti-oxydant : Tocopherol – Vitamine E / *Contains tocopherol-vitamin E as anti-oxydant.* (cas : 1406-66-2) : 30-70ppm

CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS:

CARACTERISTIQUES	SPECIFICATIONS	METHODES
Couleur (APHA) / <i>color apha</i>	≤ 10	JIS K 4101
Densité (20°C) / <i>density (20°C)</i>	0.810-0.830	JSQI General test
Indice de Réfraction à 20°C / <i>refractive index (20°C)</i>	1.450 – 1.460	JSQI General test
Indice d'acide / <i>acide value</i>	≤ 0.1 mg KOH/g	JIS K 2501
Indice d'iode / <i>iodine value</i>	≤ 1.5 gI ₂ /100g	JSQI General test
Indice de saponification / <i>saponification value</i>	≤ 0.5 mg KOH/g	JIS K 0070
Viscosité cinématique à 37.8°C / <i>kinematic viscosity (37.8°C)</i>	19-23 mm ² /s	JIS K 2283
Point de congélation / <i>freezing point</i>	≤ -30	JSQI General test

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

CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION:

Insoluble dans l'eau / *insoluble in water*

Gravité spécifique à 15°C / *Specific gravity at 15°C* ~ 0.823

ISO 16128:

- Hydrogenated Polyisobutene : In = 0 / Ino = 0 / Io = 0 / Ioo = 0
- Tocopherol: In = 1 / Ino = 1 / Io = 0 / Ioo = 0

En conséquence , le polysynlane est un ingrédient non naturel selon les standard ISO 16128 / *Consequently, polysynlane is a non-natural ingredient according to the ISO 16128 standard*

Natural content : 0.003-0.007% / Natural origin content : 0.003%-0.007%


APPLICATIONS :

Cosmetiques / *Cosmetics*

CONDITIONNEMENT STANDARD / STANDARD PACKAGING:

Fût de 160kg/ 160 kg drum

Additives	PAH, ethylene oxide, nitrosamine, free amines, DEA, TEA, formaldehyde, sulphite, dimethyl sulphate, ethylene chlorohydrine, monochloro/dichloro acetic acid, octamethylcyclotetrasiloxane (D4) and butadiene substances are not intentionally added, so are not tested but not expected to be present in this product
Allergen	Cosmetic allergens listed in annex III of regulation 1223/2009 are not tested but not expected

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Animal Testing	This material has not been the subject of animal testing since 11 th March 2009 according to the regulation 1223/2009
BSE - Bovine Spongiform Encephalopathy	No risk of BSE
California Prop 65	<i>No data available</i>
Carcinogenic, Mutagenic and Reprotoxic (CMR)	No CMR substances of category 1A, 1B and 2 (regulation 1272/2008/CE) are expected to be present
Composition	Hydrogenated Polyisobutene and Tocopherol-vitamin E
Cosmetic	Can be used for cosmetics applications, comply to cosmetic regulation 1223/2009. Doesn't contain any substance listed in appendix II & III & V of the regulation 1223/2009
Cosmos / Ecocert	This product contains synthetic ingredient not accepted by cosmos
Danger	This product is classified as dangerous in accordance with CLP but not concerned by ADR
Dioxane	Dioxine & 1,4-dioxane substances are not intentionally added, so are not tested but not expected to be present in this product
Ecolabel	<i>No data available</i>
European Pharmacopeia	<i>No data available</i>
Food	Is not a food grade product
Genetically Modified Organisms (GMO)	Doesn't contain GMO
Inventories	Compliant with Canada DSL, China IECIC, , USA FDA, Japan SCUPAA
Geographic origin (for plant)	Soybean and rapeseed cultivated in Japan, USA, Canada, Australia
Glycol ether	Glycol ether substances are not intentionally added, so are not tested but not expected to be present in this product
Halal	<i>No data available</i>
Heavy Metals	Heavy metals substances are not intentionally added, so are not expected to be present in this product : Hg not more than 0.40ppm / Cd not more than 0.60ppm / As not more than 1.5ppm / Pb not more than 0.50ppm
HS code	27100098
Irradiation / ionization	There is no ionization nor radiation treatment in this product
Kosher	<i>No data available</i>
Latex	<i>No data available</i>
Manufacturing location	Japan
Microbiological data	<i>No data available</i>
Nanomaterials	This product doesn't contain nanomaterials (regulation 1223/2009 and French decree 2012-232)
Nutritional data	<i>No data available</i>
Origin	synthetic for Hydrogenated Polyisobutene + vegetal for tocopherol (soybean and rapeseed cultivated)
Pesticide	Pesticide substances are not intentionally added, so are not tested but not expected to be present in this product
Phthalate	Phthalate substances are not intentionally added, so are not tested but not expected to be present in this product
Preservative	Contain tocopherol 30-70 ppm
Process	Raw material gas (hydrocarbons, C4, ethylene-manuf.-by-product) → polymerization → washing → removal of gas (monomer) → fractionation (distillation) → hydrogenation → rectification / purification → deodorization → addition of tocopherol

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REACH	Hydrogenated Polyisobutene is exempted as polymer and tocopherol is exempted because Q < 1T/year Monomère : hydrocarbons, C4, ethylene-manuf.-by-product (cas : 68476-52-8) is registered : 01-2119473796-21
Residual Solvents	Residual solvents are not intentionally added, so are not tested but not expected to be present in this product
RSPO	This product isn't derived from palm or palm kernel oil – Not concerned
Shelf Life	2 years
Substances of Very High Concern (SVHC)	<i>No data available</i>
Volatiles organic compounds (VOC)	Doesn't contain VOC according to 2004/42/CE , Swiss Ordonance n°814.018

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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.*