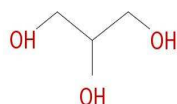


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INCI: **glycerin**
N° CAS: 56-81-5
N°EINECS/ELINCS: 200-289-5

DESCRIPTION / DESCRIPTION:

Liquide sirupeux, onctueux au toucher, incolore ou sensiblement incolore, limpide, très hygroscopique / *Syrupy, smooth liquid at touch, colorless or sensibly colorless, clear, very hygroscopic*

Matière première d'origine végétale / *Raw material of vegetable origin*

Produit conforme à la Pharmacopée Européenne en vigueur (monographie : Glycérol) / *Product in conformity with the European Pharmacopoeia in force (monograph: Glycerol)*

CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS:

CARACTERISTIQUES	SPECIFICATIONS	METHODES / METHODS
Identification A, B, C, D / <i>Identity A, B, C, D</i>	Pass	Pharmacopée Européenne / <i>European Pharmacopoeia</i>
Aspect de la solution / <i>Aspect of the solution</i>	Conforme / <i>Compliant</i>	
Teneur en Glycérol / <i>Glycerol content</i>	≥ 99.5 %	
Couleur / <i>Color</i> (APHA)	≤ 10	
Acidité ou Alcalinité / <i>Acidity</i>	≤ 0.2 ml NaOH 0.1M	
Indice de Réfraction / <i>Refractive index</i> (20°C)	1.471 – 1.474	
Aldéhydes / <i>Aldehydes</i>	≤ 10 ppm	
Esters	≥ 8 ml HCl 0.1 M	
Impureté A / <i>Impurity A</i> (diethylene glycol)	≤ 0.1%	
Autre impureté / <i>Other impurity</i>	Conforme / <i>Compliant</i>	
Composés Halogénés / <i>Halogenated compounds</i>	≤ 35 mg/kg	
Sucres / <i>Sugars</i>	Conforme / <i>Compliant</i>	
Chlorures / <i>Chlorides</i>	≤ 10 mg/kg	
Métaux Lourds / <i>Heavy metals</i>	≤ 5 mg/kg	
Teneur en eau / <i>Water content</i>	≤ 0.5 %	
Cendres Sulfuriques / <i>Sulfuric ashes</i>	≤ 0.01 %	
Densité (20°C) / <i>Density</i>	≥ 1.26	Valeur à titre indicatif / <i>Indicative value</i>

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

CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION:

Soluble dans l'eau et l'alcool, peu soluble dans l'acétone, pratiquement insoluble dans l'éther, dans les huiles grasses et dans les huiles essentielles / *Soluble in water and alcohol, slightly soluble in acetone, practically insoluble in ether, in fatty oils and in essential oils*

Ne contient pas de protéine / *This product doesn't contain protein*

APPLICATIONS:

Peintures, cellophane, explosif. Mousse polyuréthane / *Paints, Cellophane, explosive, polyurethan foam*

Produits alimentaires, cosmétiques et pharmaceutiques / *Food products, cosmetics and pharmaceuticals*

CONDITIONNEMENT STANDARD / STANDARD PACKAGING :

IBC de 1250kg - Fut plastique de 250 kg - Tonnelet plastique de 60 kg / *IBC of 1250 kg – Plastic drum of 250 Kg - Plastic drum of 60 Kg.*

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Additives	<i>No data available</i>
Allergen	Doesn't contain any food allergen listed in Regulation (EU) 1169/2011. Doesn't contain any cosmetic allergen listed in regulation 1223/2009
Animal Testing	This product has not been the subject of animal testing complies of article 18 of regulation 1223/2009)
BSE - Bovine Spongiform Encephalopathy	This product contain no animal derived ingredients so BSE/TSE free
California Prop 65	Doesn't contain any substance listed in Prop 65
Carcinogenic, Mutagenic and Reprotoxic (CMR)	Substances listed in the CMR substances are not present in amounts of 0,1% or more
Composition	100% Glycerin
Cosmetic	This product is conform to the cosmetic regulation (EC) 1223/2009
Cosmos / Ecocert	This product is cosmos approved, see our attestation on www.interchimie.fr
Danger	This product is not dangerous – not concerned by CLP and ADR
Dioxane	<i>No data available</i>
Ecolabel	<i>No data available</i>
European Pharmacopeia	This product is conform to the European Pharmacopoeia
Food	Food additives, conform to regulation EU 231/2012 – criteria E 422
Genetically Modified Organisms (GMO)	This product doesn't contain GMO
Inventories	Listed in chemical inventories: - Europe EINECS- US TSCA- Canada DSL- China IECSC- Japan ENCS- Korea KECL- Philippines PICCS- Australia AICS- New Zealand NZIoC
Geographic origin (for plant)	<i>No data available</i>
Glycol ether	<i>No data available</i>
Halal	This product is Halal conform
Heavy Metals	Doesn't contain heavy metals if present the concentration levels are ≤ 5ppm
HS code	29054500
Irradiation / ionization	This product has not been irradiated or ionized
Kosher	This product is kosher certified
Latex	<i>No data available</i>
Manufacturing location	France, Belgium
Microbiological data	This product is tested every 12 months and the total plate count and total viable count are < 1000, Aw <0.08 resulting in an Environment where microorganisms cannot exist
Nanomaterials	Doesn't contain nanomaterials (2011/696 and 1223/2009)
Nutritional data	Energy value: 1000kJ/240kcal, fat < 0.1g, polyol > 99.5g, protein <0.1g, salt <0.05g, dietary fiber < 0.1g
Origin	100% vegetable, mixed oil
Pesticide	Complies with regulation 369/2005/CE
Phthalate	<i>No data available</i>
Preservative	<i>No data available</i>
Process	Originated from production of biodiesel by transesterification of oils and fats with subsequent refining of the glycerin (distillation). The trans-esterification process consists in reacting a triglyceride with the lower alcohol methanol [CH ₃ OH] in order to obtain an ester (methyl or ethyl ester) and glycerin. Distillation is done in vacuum and steam combined conditions followed by treatment with active carbon.

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REACH	The product is exempted according to REG 987/2008/EC Annex V no. 9
Residual Solvents	ICH Q3D : manufactured without intentional addition of any listed Class 1 solvent. complies with the concentration limit of any listed Class 2 solvent. Only Methanol is likely to be present but below the stated limit (0.3%). This product is in line with the GMP requirements for any listed Class 3 solvent. This product is free from any listed Class 4 solvent.
RSPO	This product is RSPO-MB certified, see our certificate on our website www.interchimie.fr
Shelf Life before re-check	12 months
Substances of Very High Concern (SVHC)	Substances listed in the current version of the SVHC candidate list are not present in amounts of 0,1% or more
Volatiles organic compounds (VOC)	<i>No data available</i>

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