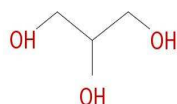
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INCI: **glycerin**
N° CAS: 56-81-5
N°EINECS/ELINCS: 200-289-5

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)	1.470 – 1.475	
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 ppm	
Sucres / <i>Sugars</i>	Conforme / <i>Compliant</i>	
Chlorures / <i>Chlorides</i>	≤ 10 ppm	
Métaux Lourds / <i>Heavy metals</i>	≤ 5 ppm	
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 cosmétiques et pharmaceutiques / *cosmetics and pharmaceuticals products.*

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	Additives are not expected to be present in this product
Allergen	Doesn't contain any food allergen listed in Regulation 1169/2011/CE and cosmetic allergen (1223/2009/CE)
Animal Testing	This product has not been the subject of animal testing
BSE - Bovine Spongiform Encephalopathy	This product contains no animal derived ingredients so BSE/TSE free
California Prop 65	This product (CAS: 56-81-5) is not listed
Carcinogenic, Mutagenic and Reprotoxic (CMR)	CMR are not expected to be present in this product
Composition	> 99.5 % Glycerin and < 0.5% water INCI : 100% glycerin
Cosmetic	This product can be used in cosmetic applications
Cosmos / Ecocert	This product contains either palm oil and/or palm kernel oil which are not certified by RSPO. Indeed, not approved by cosmos. For a Cosmos approved grade, see our product "GLYCERINE CODEX-RSPO-MB" or "GLYCERINE PURE COLZA"
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	Not for food application
Genetically Modified Organisms (GMO)	This product may be produced from GMO plants
Inventories	Listed in chemical inventories: - Europe EINECS- US TSCA- Canada DSL- China IECSC- Japan ENCS- Korea KECI- Philippines PICCS- Australia AICS- New Zealand NZIoC- Tawain TCSI
Geographic origin (for plant)	EU 28, Ukraine, Australia, Indonesia, Malaysia, Philippines, Russia ...
Glycol ether	<i>No data available</i>
Halal	This product is not Halal certified
Heavy Metals	Heavy metals ≤ 5ppm
HS code	29054500
Irradiation / ionization	This product has not been irradiated or ionized
Kosher	This product is not kosher certified
Latex	<i>No data available</i>
Manufacturing location	France, Belgium, Germany, Poland, Netherlands...
Microbiological data	This product is tested every year 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 mainly palm
Pesticide	Pesticides are not expected to be present in this product
Phthalate	Phthalates are not expected to be present in this product
Preservative	preservatives are not expected to be present in this product
Process	Distillation of crude glycerin coming from biodiesel production
REACH	The product is exempted according to Annex V
Residual Solvents	Residual solvents are not expected to be present in this product

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RSPO	This product is derived from palm oil not RSPO certified. This same product is also available with RSPO-MB grade on <u>request only</u> . Ask our product "GLYCERINE - RSPO-MB"
Shelf Life before re-check	12 months
Substances of Very High Concern (SVHC)	SVHC are not expected to be present in this product
Volatiles organic compounds (VOC)	VOC are not expected to be present in this product

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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.*