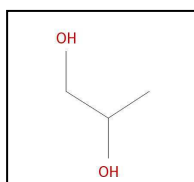
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INCI: **Propylene glycol**
N° CAS: 57-55-6
N°EINECS/ELINCS: 200-338-0

DESCRIPTION / DESCRIPTION:

Nom chimique / *chimical name* : 1,2-propanediol, propane-1,2-diol.

Le propylène glycol est préparé par hydratation de l'oxyde de propylène / *Propylene glycol is prepared by hydration of propylene oxide*


Matière première conforme à l'USP en vigueur et à la Pharmacopée Européenne en vigueur (monographie 0430: **PROPYLENEGLYCOL**) / *Raw material according to the USP and the European Pharmacopoeia in force (monograph 0430: **PROPYLENEGLYCOL**)*

CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS:

CARACTERISTIQUES	SPECIFICATIONS	METHODES / METHODS
Aspect de la solution / <i>Appearance of the solution</i>	Liquide limpide et incolore / <i>Liquid colourless, clear</i>	Ph.Eur. 2.2.2
Pureté / <i>purety</i>	≥ 99.70 %	LCC130/2128/MA083040
Densité à 25°C / <i>Density at 25°C</i>	1.035 – 1.040	Ph. Eur. 2.2.5
Teneur en eau / <i>Water content</i>	≤ 0.2 %	Ph. Eur. 2.5.12
Couleur / <i>Color</i>	≤ 10 APHA	LCC3641/6009/MA083038
Indice de réfraction à 20°C / <i>Refractive index at 20°C</i>	1.4310 – 1.4330	Ph.Eur.2.2.6
Acidité ou alcalinité / <i>Acidity or alkalinity</i>	≤ 0.05 ml de NaOH 0.1 M	Ph.Eur.
Substances oxydantes / <i>Oxidiz subst as ml thiosulfate</i>	≤ 0.2 ml de Thiosulfate de sodium 0.05M / <i>≤ 0.2 ml of sodium Thiosulfate</i>	Ph.Eur.
Substances réductrices / <i>Reducing substances</i>	Conforme / conform	Ph.Eur.
Teneur en métaux lourds (en Pb) / <i>Heavy metals content (in Pb)</i>	≤ 5 ppm	Ph. Eur.2.4.8
Teneur en fer / <i>Iron content</i>	≤ 0.5 ppm	LCC3290/6020/MA083006
Teneur en chlorures / <i>Chlorides content</i>	≤ 1 ppm	LCC3221/3056/MA083005
Teneur en sulfates / <i>Sulfate content</i>	≤ 60 ppm	LCC3225/1003/MA083013
Arsenic (As)	≤ 2 ppm	USP
Distillation DP à 760 mm Hg / <i>Distillation DP at 760 mm Hg</i>	≤ 189°C	Ph.Eur.2.2.12
Distillation IBP à 760 mm Hg / <i>Distillation IBP at 760 mm Hg</i>	≥ 185°C	Ph.Eur.2.2.12

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

Ces caractéristiques sont conformes aux précédentes spécifications datées de Octobre 2015 / *These features are in accordance with previous specifications dated on October 2015*

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CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION:

Diéthylène Glycol / *Diethylene Glycol* ≤ 0.1 %
Monoéthylène Glycol / *Monoethylene Glycol* ≤ 0.1 %
Indice de réfraction à 25°C / *Refractive index at 25°C*: 1.4300 – 1.4330
Miscible dans l'eau / *Miscible in water*
Gravité spécifique à 25°C / *Specific gravity at 25°C* : 1.0350 – 1.0370
Complies with a vegan or vegetarian diet


APPLICATIONS :

Solvants, humectants, fluides fonctionnels / *Solvents, humectants, functionals fluids*

CONDITIONNEMENT STANDARD / STANDARD PACKAGING:

Tonnelet de 60 kg, fût de 215kg, IBC 1000 kg / *60 kg keg, 215 kg drum, 1000 kg IBC*
A conserver dans un emballage hermétiquement fermé à une température conseillée entre 18 et 32°C / *Store in a tightly closed container at a recommended temperature between 18 and 30°C*

Additives	<i>No data available</i>
Allergen	The food allergens listed in Annex II of European Regulation 1169/2011 are not used in the manufacture or formulation of this product
Animal Testing	This material has not been the subject of animal testing for cosmetic purposes since 2009
BSE - Bovine Spongiform Encephalopathy	This product is manufactured by a synthetic process using only petrochemical raw materials. No materials derived from plants or animals are incorporated as raw materials, processing aids or additives – No risk of BSE
California Prop 65	This product (CAS: 57-55-6) doesn't contain Proposition 65 listed components
Carcinogenic, Mutagenic and Reprotoxic (CMR)	Doesn't contain CMR
Composition	1, 2-propanediol (≥ 99.8 %)
Cosmetic	No substances listed in annex II or III of 1223/2009/CE expected to be present. We can therefore confirm that this product is in accordance to Regulation (EC) 1223/2009
Cosmos / Ecocert	This product contain synthetic derivates – not accepted by Cosmos For a cosmos grade of propylene glycol, see our product "propylene glycol vegetal"
Danger	This product is not classified as dangerous in accordance with CLP and ADR
Dioxane	<i>No data available</i>
Ecolabel	This product can fulfill criteria for Ecolabel 2017/1218 – 1216 – 1214 – 1217 – 1219 – 1215 – DID list (version 2016 part A) n°2574
European Pharmacopeia	This product is compliant with all the requirements of the European Pharmacopoeia and USP
Food	This product is in accordance to regulation 231/2012 (E 1520). The allowed uses of propylene glycol in food are listed in Annexes II and III of regulation (EC) No 1333/2008 under number E 1520 (propane-1, 2-diol) Feed :propylene glycol is approved as a feed material, except for cat feed (EC/892/2010 – EC/ 1831/2003)
Genetically Modified Organisms (GMO)	This product is a petrochemical product and no materials of plant or animal origin are incorporated as raw materials, processing aids or additives. Therefore, this product is free from GMO
Inventories	Compliant with Australia AICS, Canada DSL, China IECSC, EU REACH, Japon ENCS, Korea KECI, New Zealand NZIoC, Philippines PICCS, USA TSCA, Taiwan TCSCA
Geographic origin (for plant)	Not concerned

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Glycol ether	<i>No data available</i>
Halal	This product is a petrochemical product and it manufactured according to halal requirements: does not contain any animal origin ingredient or ethyl alcohol.
Heavy Metals	This product doesn't contain heavy metals: total ≤ 5 ppm
HS code	2905320000
Irradiation / ionization	There is no ionization nor radiation treatment in this product
Kosher	This product has been certified Kosher and Pareve
Latex	<i>No data available</i>
Manufacturing location	Europe (Germany, Spain, Netherland or France)
Microbiological data	Based on the high temperature the microbiological present is highly unlikely
Nanomaterials	This product doesn't contain nanomaterials
Nutritional data	Energy for 100g: 1.67KJ = 0.4Kcal / Carbohydrates : 100g
Origin	100% synthetic
Pesticide	Pesticide are not used in the process, it is not tested for residue
Phthalate	Phthalate are not used in the process, it is not tested for residue
Preservative	Doesn't contain preservatives
Process	Propylene glycol is manufactured by the high temperature reaction of propylene oxide (PO) and water. The crude product is purified by distillation
REACH	Registered 01-211945809-23
Residual Solvents	No solvents are expected to be by-products of the manufacturing process (CPMP/ICH/283/95)
RSPO	This product doesn't contain palm – not concerned
Shelf Life	2 years
Substances of Very High Concern (SVHC)	This product is not listed or contain SVHC mentioned on the "Candidate List of SVHC"
Volatiles organic compounds (VOC)	Propylene glycol is VOC as defined by 40 CFR 51.100 (s) (I) with a VOC content of 8.65 lbs./gal (1.036g/cm ³) at 25 °C

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