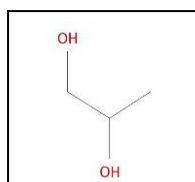


	Dossier technique et réglementaire / <i>technical and regulatory document</i> PROPYLENE GLYCOL	Novembre 2025 / November 2025
---	--	----------------------------------



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

DESCRIPTION / DESCRIPTION:

Nom chimique / *chemical 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
Teneur en ethylene glycol / EG content	≤ 0.062 % ok pour tous	
Teneur en diethylene Glycol / DEG content	≤ 0.1% ok pour tous	
Densité à 25°C / <i>Density at 25°C</i>	1.035 – 1.039	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	
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
Distillation DP à 760 mm Hg / <i>Distillation DP at 760 mm Hg</i>	≤ 190°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*

	Dossier technique et réglementaire / <i>technical and regularoty document</i> PROPYLENE GLYCOL	Novembre 2025 / <i>November 2025</i>
---	--	---

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

Indice de réfraction à 25°C / *Refractive index at 25°C:* 1.4300 – 1.4330

Miscible dans l'eau / *Miscible in water*

Complies with a vegan or vegetarian diet

ISO 16128 : 0 / 0 / 0 / 0

APPLICATIONS :

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

CONDITIONNEMENT STANDARD / *STANDARD PACKAGING:*

Tonnelet de 25/30 ou 50/60 kg, fût plastique de 215kg, IBC 1000 kg / *25/30 or 50/60 kg keg, 215 kg plastic 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. The product is not analyzed for substances listed in Annex III of EC No 1223/2009 (& 2023/1545). As these substances are not used as raw materials during the manufacturing of these products, they are not expected to be present. Furthermore, no colorants (Annex IV), conservatives (Annex V) nor UV filters (Annex VI) are used for the production.	
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 (regulation 2023/1490)	
Composition	1, 2-propanediol (≥ 99.8 %)	
Cosmetic	No substances listed in annex II or III of 1223/2009/CE (& 2023/1545) expected to be present. We can therefore confirm that this product is in accordance to Regulation (EC) 1223/2009	
Cosmos / Ecocert	This product contains 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	<i>No data available</i>	
European Pharmacopeia	This product is compliant with all the requirements of the European Pharmacopoeia and USP	
Food	This product can be used in food applications	
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	Listed in Australia AICS, Canada DSL,	Korea KECL, New Zealand NZIoC, Philippines PICCS,

	Dossier technique et réglementaire / <i>technical and regulatory document</i> PROPYLENE GLYCOL	Novembre 2025 / November 2025
---	--	----------------------------------

	China IECSC, Japan ENCS,	USA TSCA, Taiwan TCSI
Geographic origin (for plant)	Not concerned	
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	Heavy metals are not present above 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 or China	
Microbiological data	Based on the high temperature the microbiological present is highly unlikely	
Microplastics	<i>No data available</i>	
Nanomaterials	This product doesn't contain nanomaterials	
Nitrosamines	<i>No data available</i>	
Nutritional data	Energy for 100g: 1.67KJ = 0.4Kcal / Carbohydrates : 100g	
Origin	100% synthetic	
PAH/PFAS	PFAS are not expected	
Pesticide	Pesticides are not used in the process, it is not tested for residue	
Phthalate	Phthalates 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 01-2119456809-23	
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	1 year	
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)	The VOC definition is "Volatile organic compound (VOC) defined in the 1999/13/EC as any organic compound having at 293.15 K a vapor pressure of 0.01 kPa or more", and taking into account that the MPG at 293.15K has a Vapour Pressure of 0.009 kPa, the only VOC is the water content, with a maximum of 0.1 weight %.	

----- END

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