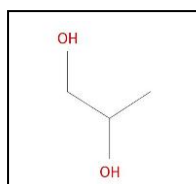


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INCI: **Propylene glycol**  
N° CAS: 57-55-6  
N°EINECS/ELINCS: 200-338-0

#### 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 %                                                                       |                       |
| Teneur en diethylene Glycol / DEG content                             | ≤ 0.1%                                                                          |                       |
| 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*

|                                                                                   |                                                                                                          |                                         |
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#### 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*

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                         |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| <b>Additives</b>                                    | <i>No data available</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                         |
| <b>Allergen</b>                                     | The food allergens listed in Annex II of European Regulation 1169/2011 are not used in the manufacture or formulation of this product.<br>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. |                                                         |
| <b>Animal Testing</b>                               | This material has not been the subject of animal testing for cosmetic purposes since 2009                                                                                                                                                                                                                                                                                                                                                                                                          |                                                         |
| <b>BSE - Bovine Spongiform Encephalopathy</b>       | 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                                                                                                                                                                                                                                                                           |                                                         |
| <b>California Prop 65</b>                           | This product (CAS: 57-55-6) doesn't contain Proposition 65 listed components                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                         |
| <b>Carcinogenic, Mutagenic and Reprotoxic (CMR)</b> | Doesn't contain CMR (regulation 2023/1490)                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                         |
| <b>Composition</b>                                  | 1, 2-propanediol (≥ 99.8 %)                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                         |
| <b>Cosmetic</b>                                     | 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                                                                                                                                                                                                                                                                                                             |                                                         |
| <b>Cosmos / Ecocert</b>                             | This product contains synthetic derivates – not accepted by Cosmos<br>For a cosmos grade of propylene glycol, see our product "propylene glycol vegetal"                                                                                                                                                                                                                                                                                                                                           |                                                         |
| <b>Danger</b>                                       | This product is not classified as dangerous in accordance with CLP and ADR                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                         |
| <b>Dioxane</b>                                      | <i>No data available</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                         |
| <b>Ecolabel</b>                                     | <i>No data available</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                         |
| <b>European Pharmacopeia</b>                        | This product is compliant with all the requirements of the European Pharmacopoeia and USP                                                                                                                                                                                                                                                                                                                                                                                                          |                                                         |
| <b>Food</b>                                         | This product can be used in food applications                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                         |
| <b>Genetically Modified Organisms (GMO)</b>         | 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                                                                                                                                                                                                                                                                                                       |                                                         |
| <b>Inventories</b>                                  | Listed in<br>Australia AICS,<br>Canada DSL,                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Korea KECL,<br>New Zealand NZIoC,<br>Philippines PICCS, |

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|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
|                                               | China IECSC,<br>Japan ENCS,                                                                                                                                                                                                                                                                                               | USA TSCA,<br>Taiwan TCSI |
| <b>Geographic origin (for plant)</b>          | Not concerned                                                                                                                                                                                                                                                                                                             |                          |
| <b>Glycol ether</b>                           | <i>No data available</i>                                                                                                                                                                                                                                                                                                  |                          |
| <b>Halal</b>                                  | This product is a petrochemical product and it manufactured according to halal requirements: does not contain any animal origin ingredient or ethyl alcohol.                                                                                                                                                              |                          |
| <b>Heavy Metals</b>                           | Heavy metals are not present above 5 ppm                                                                                                                                                                                                                                                                                  |                          |
| <b>HS code</b>                                | 2905320000                                                                                                                                                                                                                                                                                                                |                          |
| <b>Irradiation / ionization</b>               | There is no ionization nor radiation treatment in this product                                                                                                                                                                                                                                                            |                          |
| <b>Kosher</b>                                 | This product has been certified Kosher and Pareve                                                                                                                                                                                                                                                                         |                          |
| <b>Latex</b>                                  | <i>No data available</i>                                                                                                                                                                                                                                                                                                  |                          |
| <b>Manufacturing location</b>                 | Europe or China                                                                                                                                                                                                                                                                                                           |                          |
| <b>Microbiological data</b>                   | Based on the high temperature the microbiological present is highly unlikely                                                                                                                                                                                                                                              |                          |
| <b>Microplastics</b>                          | <i>No data available</i>                                                                                                                                                                                                                                                                                                  |                          |
| <b>Nanomaterials</b>                          | This product doesn't contain nanomaterials                                                                                                                                                                                                                                                                                |                          |
| <b>Nitrosamines</b>                           | <i>No data available</i>                                                                                                                                                                                                                                                                                                  |                          |
| <b>Nutritional data</b>                       | Energy for 100g: 1.67KJ = 0.4Kcal / Carbohydrates : 100g                                                                                                                                                                                                                                                                  |                          |
| <b>Origin</b>                                 | 100% synthetic                                                                                                                                                                                                                                                                                                            |                          |
| <b>PAH/PFAS</b>                               | PFAS are not expected                                                                                                                                                                                                                                                                                                     |                          |
| <b>Pesticide</b>                              | Pesticides are not used in the process, it is not tested for residue                                                                                                                                                                                                                                                      |                          |
| <b>Phthalate</b>                              | Phthalates are not used in the process, it is not tested for residue                                                                                                                                                                                                                                                      |                          |
| <b>Preservative</b>                           | Doesn't contain preservatives                                                                                                                                                                                                                                                                                             |                          |
| <b>Process</b>                                | Propylene glycol is manufactured by the high temperature reaction of propylene oxide (PO) and water. The crude product is purified by distillation                                                                                                                                                                        |                          |
| <b>REACH</b>                                  | Registered 01-2119456809-23                                                                                                                                                                                                                                                                                               |                          |
| <b>Residual Solvents</b>                      | No solvents are expected to be by-products of the manufacturing process (CPMP/ICH/283/95)                                                                                                                                                                                                                                 |                          |
| <b>RSPO</b>                                   | This product doesn't contain palm – not concerned                                                                                                                                                                                                                                                                         |                          |
| <b>Shelf Life</b>                             | 1 year                                                                                                                                                                                                                                                                                                                    |                          |
| <b>Substances of Very High Concern (SVHC)</b> | This product is not listed or contain SVHC mentioned on the "Candidate List of SVHC"                                                                                                                                                                                                                                      |                          |
| <b>Volatiles organic compounds (VOC)</b>      | 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.*