1,2-Propylene Glycol USP

Clear, colorless liquid

Chemical name(s) of active ingredient

1,2-Propandiol, propane-1,2-diol

CAS-No.	57-55-6
EINECS-No.	200-338-0

PRD

30511982

Articles

50160000	1000 kg composite IBC
50160011	220 kg plastic drum
50159998	bulk
50624961	1 kg glass bottle

Description

Clear, colorless liquid.

Benefits

Vegetarian[1], kosher, halal, allergen-free[2], gluten-free[3]

Composition

Propane-1,2-diol

Solubility

Miscible with water and lower alcohols in any proportion. Insoluble in oils.

Specification

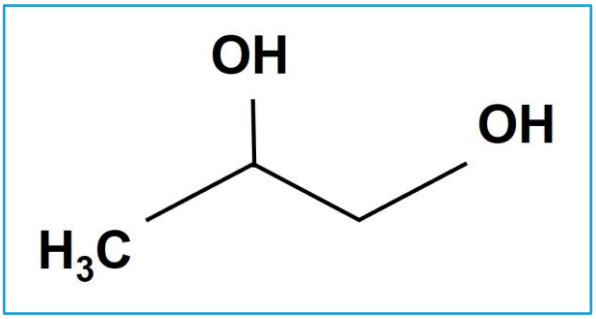
Assay	min. 99.8 g/100g

For further information see *Product Specification* (not for regulatory purposes) available in BASF's MyBASFWorld:

https://my.basf.com/

Regulations

For quality documentation and compliance please see *Quality & Regulatory Product Information* and *Product Specification*. 1,2-Propylene Glycol USP is approved as a food additive in most countries. It is the obligation of the user to check the regulations on the ingredients used in the respective countries and for the intended use.



$C_3H_8O_2$ **76.1 g/mol**

Stability and storage

1,2-Propylene glycol is sensitive to oxygen and moisture and needs to be stored in an airtight container. Stored in its unopened, original packaging, in a dry place, the product is stable for at least 24 months.

Handling

It is important to prevent from contact with air, e.g. by storing under a blanket of dry nitrogen. This precaution prevents any significant deterioration, even on prolonged storage. If atmospheric oxygen is not excluded, peroxides may be formed, which, in turn, may decompose into aldehydes and acids, spoiling the product. It is recommended to use up the remaining contents quickly once the package has been opened.

Applications

1,2-Propylene Glycol USP is used in a variety of food and beverage applications e.g., as solvent, humectant or carrier for flavors.

Suitability of these applications is presented based solely on technical feasibility. Local prevailing legal or regulatory requirements are not considered and should be observed separately.

Note

The product must be handled in accordance with the *Safety Data Sheet*.

[1] According to International Standard ISO 23662 on definitions and technical criteria for foods and food ingredients suitable for vegetarians or vegans and for labelling and claims.
[2] No labeling requirements with regard to allergens according to EU regulation (EC) No 1169/2011 (as amended) and the US Food Allergen Labeling and Consumer Protection Act (FALCPA).
[3] No ingredients used containing gluten. However, products are not explicitly tested on gluten.

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