

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, kosher, halal, allergen-free, gluten-free

Composition

Propane-1,2-diol

Solubility

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

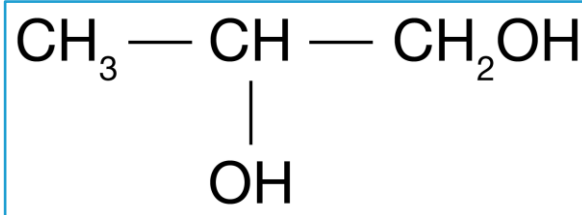
Specification

Assay min. 99.8 g/100g

For further information see "Product Specification" (not for regulatory purposes) available in BASF's Human Nutrition Virtual Assistants (<https://nutritionvirtualassistants.basf.com>).

Regulations

For quality documentation please see „Quality and Regulatory Product Information“ (QRPI, Quality Documentation). 1,2-Propylene Glycol USP complies with the acceptance criteria specified in the current individual Ph. Eur. monograph "Propylene Glycol" and USP monograph "Propylene Glycol". 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.



C₃H₈O₂

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.

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