

1,2-Propylene Glycol USP

Chemical names of active ingredient

1,2-Propandiol, Propane-1,2-diol

CAS-No. 57-55-6

EINECS-No. 200-338-0

PRD-No.

30511982

* The product is kosher.

Articles

50160000	1000 kg composite IBC
50160011	220 kg plastic drum
50159998	bulk

Country of origin

Germany

Description

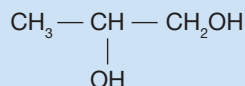
Clear, colorless viscous liquid. Odorless and hygroscopic.

Composition

Ingredients in descending order of weight: Propane-1,2-Diol.

Solubility

Miscible with water and lower alcohols in any proportion, insoluble in oils.



$\text{C}_3\text{H}_8\text{O}_2$

Molar mass 76.1 g/mol

Specification

Purity

1,2-Propyleneglycol (GC) min. 99.8 g/100g

For further information see separate document: "Standard Specification" (not for regulatory purposes) available via BASF's WorldAccount: <https://worldaccount.basf.com> (registered access).

Monographs and Regulations

1,2-Propylene Glycol USP meets the requirements of the current Ph. Eur. (Propylene Glycol) and USP (Propylene Glycol) monographs.

Regulations

1,2-Propylene Glycol USP is approved as a food additive in most countries. However, specific regulations on the ingredients used in the respective countries and for the intended use have to be observed.

Stability

Stored in its unopened original packaging 1,2-Propylene Glycol USP is stable for at least 24 months.

Storage/Handling

The product is sensitive to oxygen. 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.

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.

Note

1,2-Propylene Glycol USP must be handled in accordance with the Safety Data Sheet.

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