

MASCEROL™

Glycerin





MASCEROL™ Glycerin

ICOF Europe, a member of Musim Mas Group, serves vegetable refined Glycerin of various grades and feed-stocks backed by our Asian oleochemical production facilities as well as our European refinery Dutch Glycerin Refinery B.V. (DGR) located within Delfzijl Chemical Park providing easy logistical access to major European, Middle East, African and American end markets via road, rail, barge and sea. The material can be packed in drums or IBC as per request.

General Information

Glycerol or Glycerin (1,2,3-propanetriol) is a colorless, odorless, sweet syrupy trihydroxy alcohol.

Glycerol is present in the form of its esters (glycerides) in all vegetable fats and oils. It is obtained commercially as a byproduct when fats and oils are hydrolyzed to yield fatty acids or their metal salts (soaps) as well as from transesterification.

The crude glycerin is refined to pure quality through distillation.

Glycerol is very hygroscopic (absorbs water) and miscible with water in any ratio. Under proper storage conditions with air-tight packaging it is stable with a shelf-life of min. 12 months.

MASCEROL – Refined Glycerin is exempt from REACH (Annex V)

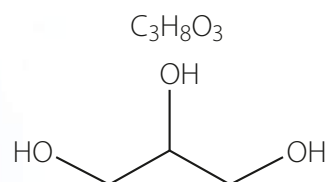
Product names: Glycerin, Glycerol, 1,2,3---Propantriol

INCI: GLYCERIN

CASnumber: 56-81-5

EC number: 200-289-5

Chemical formula and structure:



Grades

MASCEROL Glycerin is available in crude form with a glycerol content of min. 80%.

Refined Glycerin specified as per European Pharmacopoeia (Ph. Euro) as well as American, British and Japanese requirements (USP, BP, JP) are offered with minimum contents of 99,5 % and 99,7 %.

Furthermore, these qualities are available to meet specific customer requirements in terms of quality, certification and origin, like Kosher, Halal, Feed, Food/E422, non-GMO, RSPO MB as well as non-Palm. We also offer a diluted version with an average glycerol content of 86,5 % (Ph. Euro).

Please contact us for detailed quality information.



Supply Chain Solutions for all industries

→ Pharma

For improving smoothness, providing lubrication and because of its humectant characteristics, Refined Glycerin is used as an excipient in pharmaceutical production and preparations. It is found in allergen immunotherapies, cough syrups, tinctures, elixirs & expectorants. It serves as a tablet holding agent and is key ingredient in soft gelatin capsules.

→ Personal Care & Home Care

Refined Glycerin is used as a base ingredient in personal care preparations. It provides moisturizing properties and improves skin permeability. It is a gentle ingredient for anti-aging and anti-irritant cosmetics, found in skin & hair care applications, shaving cream, soaps & water-based lubricants.

→ Food

Glycerin is recognized by regulation as food additive E422. It serves as a humectant/wetting agent, solvent, sweetener or sugar substitute (approx. 60% as sweet as sucrose), thickening agent or filler in food as well as beverage applications.

→ Feed and Petfood

Glycerin both crude as well as refined qualities are used as a source of energy for animal feed or as a supplement to compound feeds throughout all species. In petfood preparations it mainly serves as sweet tasting wetting agent.

→ Technical

Glycerin is used as a reaction starter in different kinds of technical applications. It can also be used as depressor of the freezing point for solvents or act as de-icing agent on airfields and in the automotive industry.

Operating Responsibility & Sustainability

We, as Musim Mas are committed to sustainability and recognize that sustainability is not a business after-thought; sustainability is how we conduct our business. We were the first palm oil corporation from Indonesia to join the RSPO in 2004 when the concept of a multi-stakeholder roundtable was still

new to the industry. We were also the first major palm oil group to install methane capture facilities for all our mills. Beyond the industry standard, we have stringent sustainability commitments, which extend across our supply chain:



Bring benefits to the community



No deforestation of High Conservation Value (HCV) areas and High Carbon Stock (HCS) forests



No development of peatland regardless of depth



Fully comply with local, national and international laws



Establish traceable supply chain





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