

## PRODUCT INFORMATION SHEET ORGANIC GLYCERIN



### Description

Glycerin is a syrupy, odourless and colourless liquid with great moisturizing properties.

Our ORGANIC GLYCERIN is made with vegetable oil of Karanja, tree from fabaceae family, native from Asia. In India Karanja's crops are widely encouraged to rehabilitate areas traditionally considered as unworkable.

### Manufacturing process

In a first time, oil is split up by hot water circulation. These steps allow to obtain in one hand enriched water with 2 to 15% of glycerin and free fatty acids in the other hand. Water is then evaporated to give 90% concentrated glycerin. This one will be stem distillate then vacuum evaporated. This refined glycerin will be discoloured with activated carbon and filtered to obtain pure glycerin.

### Uses

Polar solvent soluble, particularly in water and alcohol, glycerin is used in many fields as food or pharmaceutical industries.

#### Cosmetics

It is appreciated as moisturizing, emollient and protective agent.

Glycerin can retain several time its weight in water. This property makes it a key ingredient of cosmetics formulations such as: Soap, Shaving foam, Toothpaste, Hair care, Skin care.

#### Food

It is a food additive (E422). By drawing moisture from the air, glycerin prevents foods from drying out, crystallizing, and breaking apart. This helps food hold its shape and texture.

Glycerin enhances flavor (sweetener) or improve consistency. It acts as a solvent for flavors and food coloring. It also serves as emollient in bakery and prevents confectionary frosting from setting too hard.

**Certified as 96.7% organic by Ecocert Greenlife according to Cosmos Standard  
Product from organic agriculture CERTIFIED FR-BIO-01  
HALAL certified**