

Foreverest Resources Ltd

Glycerol Ester of Gum Rosin (ESTER GUM)

G858F

Glycerol Ester of Gum Rosin (GEGR), also known as Glyceryl Rosinate or Ester Gum, is an oil-soluble food additive made by esterifying rosin with edible glycerol. Due to its high density, GEGR helps keep oils suspended in water, making it a popular choice as a beverage stabilizer. It is widely used as a base ingredient in the production of chewing gum and also serves as a common alternative to brominated vegetable oil in citrus-flavored soft drinks. In some cases, both ingredients are used together to achieve the desired effect. [FDA-approved \(172.735\)](#), GEGR is a key component in maintaining stability in food and beverage formulations, especially in oil-based products.

Substance Identification

Synonyms

Glyceryl Rosinate | ESTER GUM

CAS

N/A

EINECS	232-482-5
FEMA	N/A
HS.CODE	38069000
Molecular Formula	C63H95O6
Molecular Weight	760±20

Application & Uses

1. as anti-oxidant and softening with good taste in the production of SBR or polyvinyl acetate based chewing-gum and bubble gum. (Approved by [FDA 172.615](#))
2. as emulsification stabilizer in soft drink
3. as tackifier in depilatory and Cosmetic industry
4. applied on coated urea fertilizer for tobacco
5. as a thixotropic agent of pesticide dispersion

Features & Benefits

1. Its high density helps keep oils in suspension in water and this property is why it is often used as a beverage stabilizer.
2. It also serves as an alternative to brominated vegetable oil in citrus oil flavored soft drinks.
3. Totally soluble in aromatic, aliphatic and chlorinated solvents, Not soluble in alcohols, ketones (except butanol and MEK)

Sales Specification

ITEM	VALUE
Colour, Gardner	7 to 8
Softening Point, R&B, °C	82 to 90
Heavy metals, PB, mg/kg	20 max
Acid Value, mgKOH/g	3 to 8
Arsenic, mg/kg	2 max
Ash, %	0.1 max
Solubility, with Benzene 1:1	Clear

Similar Specs

[Glyceryl Rosinate \(Food\)](#)

[Glyceryl Rosinate \(Industrial\)](#)

[Glyceryl Rosinate \(Industrial\)](#)

[Glyceryl Rosinate \(Food\)](#)

Package

- Fiber Drum is made to orders
- Inner Aluminum Foil Vacuum complex bag, 25kg net each
- Paper-plastic compound Bag, 25kg net each, 640 bags (16000kg, 20 pallets per 20'FCL)
- Paper Carton, 25kg net each, 780 cartons (19500kg, 20 pallets per 20'FCL)
- Woven Bag, 500kg net each

GHS Hazard Statements

No GHS data available

Storage

- avoid contact with light
- keep separated from incompatible substances
- store and handle in accordance with all current regulations and standards
- store in a cool, dry place
- store in a tightly closed container

Relation Products

- [Colorless Glyceryl Hydrogenated Rosinate](#)
- [Glycerel Ester of Maleic Rosin](#)

- [Glyceryl Hydrogenated Rosinate \(Food\)](#)
- [Glyceryl Hydrogenated Rosinate \(Food\)](#)

Relation Articles

- [Exporting oleoresins for food to Europe](#)
- [GLYCEROL ESTER OF WOOD ROSIN \(Food and Beverage Grade\)](#)
- [Application of Gum Rosin](#)
- [A Natural Approach To Personal Care Formulation](#)
- [Beverage Ingredient Glossary](#)
- [Study of Novel Rosin-Based Biomaterials for Pharmaceutical Coating](#)
- [Toxicological Evaluation of different kinds of rosins](#)
- [Choosing the Correct Soldering Flux Types and Their Advantages/Disadvantages](#)

Remark

The above information is believed to be accurate and presents the best explanation currently available to us. We assume no liability resulting from above content. The technical standards are formulated and revised by customers' requirement and us, if there are any changes, the latest specification will be executed and confirmed in the contract.

