

Foreverest Resources Ltd

Glyceryl Rosinate (Food)

G858F, G854F

Glyceryl Rosinate, also called Glycerol Ester of Gum Rosin (GEGR) or Ester Gum, is an oil-soluble food additive. Its high density helps keep oils in suspension in water and this property is the reason why it is often used as a beverage stabilizer. It is widely used as a base in the production of chewing-gum. It also serves as an alternative to brominated vegetable oil in citrus oil flavored soft drinks. In some cases both ingredients are used together. (Approved by [FDA 172.735](#), [Regulation \(EU\) No 231/2012](#))

Substance Identification

Synonyms	Ester Gum Glycerol Ester of Gum Rosin GEGR
CAS	N/A
EINECS	232-482-5

FEMA	N/A
HS.CODE	38069000
Molecular Formula	N/A
Moleclar Weight	N/A

Application & Uses

- 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](#))
- as emulsification stabilizer in soft drink
- as tackifier in depilatory and Cosmetic industry
- applied on coated urea fertilizer for tobacco
- as a thixotropic agent of pesticide dispersion

Features & Benefits

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

Sales Specification

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

ITEM	VALUE	TEST METHOD & UNIT
Colour	3 to 4	@Fe-Co Scale
Softening Point	82 to 90	@R&B, °C
Heavy metals	n/a	@PB, mg/kg
Acid Value	3 to 9	mgKOH/g
Arsenic	n/a	mg/kg
Ash	n/a	%
Solubility	Clear	with Benzene 1:1

ITEM	VALUE	TEST METHOD & UNIT
Specific Gravity	1.06 to 1.09	@25 °C

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 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 \(Food\)](#)

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](#)

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.

