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Ravasol - Triacetin

Plasticiser

Description

Colourless transparent oily liquid, with bitter taste, nontoxic, slightly soluble in water. Soluble in many kinds of organic solvents.

Applications

Triacetin is mainly used as a plasticiser in adhesive and construction applications. It is also used as an additive in food and cosmetics. Applications include:-

- Water-based adhesives – PVA, VAE and Acrylic based systems
- Pressure Sensitive Adhesive systems
- Coatings – plasticizer for all types of Cellulosic resins
- Printing Inks and Graphic Arts
- Cosmetics
- Food additive
- Fuel additive (anti-knocking agent)
- Cigarette Filter Tips

Property	Value
CAS Number	102-76-1
Molecular Formula	C ₉ H ₁₄ O ₆
Alternative name	Glycerol Triacetate
Molecular Weight	218.20
Boiling Point	258° C
Flash Point	140° C
Appearance	Colourless transparent liquid
Color (Pt-Co)	≤ 10#
Content %	≥ 99.0
Acidity (as Acid)	≤ 0.02
Water content (wt),%	≤ 0.1
Refractive index (25° C/D)	1.430~1.435
Relative density (25/25° C)	1.154~1.164
Heavy metal (base on Pb)	≤ 5ppm
Arsenic (As)	≤ 1ppm



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Packaging

- Intermediate Bulk Containers (IBC) – 1150 kg net
- Bulk Flexi-Tank – typically 22 tonnes

Shelf Life

When stored / un-opened in the original packaging and protected from direct sun light at 5-25°C The shelf life exceeds 6 months. Freezing must be avoided. If customer's storage conditions are not aligned to these parameters, then tests should be carried out to determine the shelf life under alternative and specific storage conditions.