

TekLeu® EO**Ethyl Oleate**

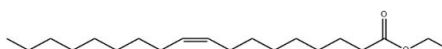
Technical Information

Update: 01/01/2021 Version 1.0

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**Ethyl Oleate (TekLeu® EO)**

TekLeu® EO is a Low viscosity solvent for lipophilic actives.

Molecule Structure

CAS# 111-62-6

EINECS# 203-889-5

Physical & Chemical properties

Standard	CP2020; EP10.0; USP43-NF38; BP2020; GB 29938-2013
Appearance	Colorless to pale yellow clear liquid.
Solubility	Almost insoluble in water, miscible with ethanol, dichloride methane or petroleum ether. It can be miscible with isopropanol in any proportion.

Applications

- Used as a solvent, a transdermal absorption enhancer, a lubricant and a plasticizer in formulations.
- A suitable solvent for steroids and other lipophilic drugs. Widely used in veterinary injections such as Cefquinoxime sulfate, enrofloxacin. Its properties are similar to almond oil and peanut oil, and its viscosity is low, and it is easily absorbed by body tissues.
- Used as biodegradable microcapsules and microemulsions of cyclosporine implanted under the dermis.
- As the solvent of flavor oil, the carrier of essence fragrance in field of food additives.

Incompatibility

It can dissolve some rubbers and swell them.
It can also react with oxidants.

Features & Benefits

- Non-occlusive emollient with good spreading properties.
- Rapidly absorbed by body tissues. Dermal penetration enhancer.

Storage & Handling

Stored in a small, full-filled, light-tight sealed container and in a cool, dry place.

If it is not full, it should be filled with nitrogen or other inert gas to replace the air to prevent the ethyl oleate from being oxidized. For long-term storage, antioxidants should be added.

Packings: 1kg/bottle, 5kg/drum, 20kg/drum, 100kg/drum

Safety

Safety Data Sheet has been compiled for Ethyl Oleate (TekLeu® EO) that contains up-to-date information on questions relevant to safety.

Note:

The data are controlled at regular intervals as part of our quality assurance program. Neither these data nor the properties of product specimens shall imply any legally binding guarantee of certain properties or of fitness for a specific purpose. No ability of ours can be derived therefrom.