

ETHYL LINOLEATE



PRODUCT IN FOCUS



Ethyl Linoleate

INTRODUCTION

Ethyl Linoleate belongs to the chemical class of fatty acids, which are organic compounds with one or more long hydrocarbon chains. These molecules are characterized by having two carbons atoms with a double bond between them..

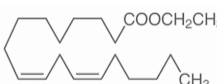
Manufacture

It is obtained by esterification of linoleic acid and ethanol, catalyzed by sulfuric acid.

APPLICATIONS

Ethyl Linoleate finds extensive uses in various industries:

- Ⓢ **Pharmaceuticals:** Due to its solubility properties, Ethyl Linoleate is used as a solvent for medicinal compounds in drug formulations, allowing for enhanced absorption and bioavailability.
- Ⓢ **Cosmetics and Personal Care products:** Ethyl Linoleate is a key ingredient in many skincare and haircare products due to its moisturizing and emollient properties. It helps nourish the skin and hair, providing a smooth and soft texture.
- Ⓢ **Surface Coatings:** Ethyl Linoleate is used in the formulation of paints, varnishes, and other coating materials. It acts as a solvent and helps improve the film-forming ability of the coating. Additionally, it contributes to the drying time and overall performance of the coating.
- Ⓢ **Fragrances:** The compound is utilized in the fragrance industry as a carrier oil for essential oils and aroma chemicals. It aids in the dilution and dispersion of fragrant substances, ensuring a consistent and long-lasting scent.

Synonym	Linoleic acid ethyl ester Ethyl octadeca-9,12-dienoate
CAS no.	544-35-4
EINECS no.	208-868-4
Molecular formula	C ₂₀ H ₃₆ O ₂
Molecular weight	308.5 g/mol
Structure	

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SPECIFICATIONS

Test	Unit	Specification
Appearance	-	Light yellow to yellow clear liquid
Residual Solvent	%	Max 0.05
Acid Value	mg KOH/g	Max 2.0
Peroxide	meq/kg	Max 10.0
Moisture	%	Max 0.25
Purity (By GC) (Ethyl Linoleate)	%	Min 98.0
<u>Impurities (By GC) (Ethyl ester derivative)</u>		
Ethyl Oleate	%	Max 1.0
α -Ethyl Linolenate	%	Max 1.0

PACKING

Export worthy metal drums

STORAGE

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

REACH Status

Not registered yet

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