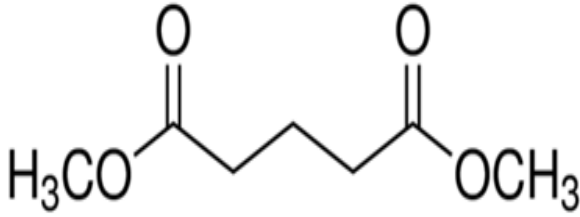

DIBASIC ESTERS



IUPAC NAME: dimethyl butanedioate

CHEMICAL FORMULA: C₂₁H₃₆O₁₂

CAS NO: 95481-62-2

MOLECULAR WEIGHT: 480.5 g/mol

PACKING:

PRODUCT DESCRIPTION:

Dibasic Ester (DBE) is a purified mixture of dimethyl esters of adipic, glutaric, and succinic acids. DBE is a liquid substance, non-flammable, readily biodegradable, and has a slightly fruity odor. It is easily soluble in alcohols, ketones, ethers, and many hydrocarbons, but only sparingly soluble in water and higher paraffins.

PROPERTIES:

- High boiling point (low vapor pressure)
- Slow evaporation rate
- High flash point
- Low miscibility with water
- High miscibility with most organic solvents
- Easily biodegradable

APPLICATION AREAS:

- Used as the base for paint strippers and cleaning solvents
- In inks
- Decorative and industrial coatings
- Construction
- Coil coatings
- Plasticizers
- Resins
- Binders
- Soil stabilization
- Adhesives.


CHEMICAL PROPERTIES

PURITY	≥ 99.0 (Ester Content)
ACID CONTENT	
MOISTURE AMOUNT	
COLOUR (APHA)	
INHIBITOR	

PHYSICAL PROPERTIES

APPEARANCE	Clear, colorless
PHYSICAL STATE	Liquid
ODOR	Fruity
DENSITY	25 °C 'de 1.19 g/mL
BOILING POINT	196-225 °C
FREEZING POINT	-20°C
FLASH POINT	212 °F

SAFETY INFORMATION

HAZARD PICTOGRAM(S)	
HAZARD STATEMENT(S)	H319 Causes serious eye irritation.
PRECAUTIONARY STATEMENT(S)	<p>P264 Wash skin thoroughly after handling.</p> <p>P280 Wear eye protection/ face protection.</p> <p>P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337 + P313 If eye irritation persists: Get medical advice/ attention.</p>
STORAGE CONDITIONS	Do not mix with strong oxidants, acids, or alkalis. Store in a well ventilated place. Keep container tightly closed.
DISPOSAL	<p>Recover unusable free liquid and dispose into either an approved and permitted incinerator or approved and permitted biological treatment system.</p> <p>Recover any DBE contaminated water and dispose of into an approved and permitted biological treatment system.</p> <p>Do not flush any water or solids into surface water drains or sanitary sewer systems.</p> <p>Remove unusable solid material or contaminated soil for disposal into an approved and permitted landfill.</p>
TRANSPORT INFORMATION	Not Regulated as a hazardous material by DOT, IMO, or IATA.
For more information, check the SAFETY DATA SHEET or get contact with us.	