

Technical Data Sheet

Eastman GEM™ 2-Ethylhexyl Palmitate

Applications

- Personal care ingredients
- Skin care ingredients

Key Attributes

- E factor (kg waste/kg product) of 0.06
- GEM™ technology significantly reduces energy, CO2 emissions, waste, and water usage compared to conventional processes
- High quality colorless liquid emollient ester
- Prepared using Eastman GEM™ technology, winner of the 2009 Presidential Green Chemistry Challenge Award

Product Description

Eastman GEM™ 2-ethylhexyl palmitate is a high quality colorless liquid with the added benefit of sustainable manufacturing, guided by the U.S. EPA's Twelve Principles of Green Chemistry.

Typical Properties

Property	Typical Value, Units
General	
Appearance	Clear nearly colorless liquid
Color, Pt-Co Scale	<10
Assay	>97 %
Acid Number	<1.5 mg KOH/g
Refractive Index	1.4455
Specific Gravity @ 25°C	0.859
Saponification Number	152 mg KOH/g
Iodine Value	<0.5 g/g

Eastman and its marketing affiliates shall not be responsible for the use of this information, or of any product, method, or apparatus mentioned, and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and for the health and safety of your employees and purchasers of your products. No warranty is made of the merchantability of fitness of any product, and nothing herein waives any of the Seller's conditions of sale.

2/28/2018 11:35:39 AM