



TRI-TECH CHEMICAL COMPANY Pty Ltd.

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TRILUBE 378 – MEDIUM CHAIN TRIGLYCERIDE (MCT)

TYPICAL PROPERTIES

Trilube 378 is a high purity mixture of triglycerides of saturated fatty acids, mainly Capric Acid and Caprylic acid. It is a clear, low viscosity liquid which is suitable for use in cosmetic applications topical medicinal preparations and some food applications.

The product has the following physical properties:

	Range	Test Method
Rel.Density 20/20°C	0.945 to 0.950	AOCS Ea 7-95
AV, mg KOH/g	0.1 Max	AOCS Te 2a-64
SV, mg KOH/g	335 - 360	ISO 3657
IV, gI2/100g	0.5 Max	AOCS Cd 1b-87
HV, mg/KOH/g	8 Max	AOCS Cd 13-60
PV, meq/kg	1 Max	AOCS Cd 8-53
Colour APHA, Hazen	70 Max	LICO 400
Moisture, % m/m	0.15	Max
C8, % m/m	65 - 75	ISO 5509
C10, % m/m	25 - 35	ISO 5509
Others, % m/m	2 Max	ISO 5509

APPLICATIONS

Trilube 378 is predominantly used in personal care applications and food applications. It is commonly used in the formulation of lipstick, eye makeup, foundations, blushers, perfumes, moisturizers, suntan and sunscreen products and many other products. It is also used in food applications such as nutritional drinks, infant formulas and other nutritional supplements

- Carrier for actives in cosmetic and pharmaceuticals.
- Lubrication in food production.
- Flavours and fragrances.

PACKAGING AND STORAGE

Trilube 378 is available in 190kg metal drums. Packages should be closed after decanting. Shelf life if stored appropriately is 2 years.