



TRI-TECH CHEMICAL COMPANY Pty Ltd.

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TRILUBE 136 – ISOPROPYL PALMITATE

TYPICAL PROPERTIES

Trilube 136 is a high purity ester of Isopropanol and Palmitic acid. It is a clear, low viscosity liquid which conforms to USP34/NF29 requirements, and is suitable for use in cosmetic creams and topical medicinal preparations.

The product has the following physical properties:

Moisture:	0.1% maximum
Acid value:	0.5 mg KOH/g maximum
Iodine value:	1.0 gI ₂ /100g
Specific gravity (20°C)	0.850 - 0.855 g/cc
Refractive Index	1.436 - 1.440
Sulphated ash content	0.1% maximum
Ester content (GC)	98% minimum

APPLICATIONS

Trilube 136 is predominantly used in personal care applications as an emollient and/or solvent (liquid products), or as a binder (solid products). Typical applications include:

- Hair care products
- Toiletries (antiperspirant, shaving, shampoos etc.)
- Skin care (facial creams, sun care)
- Decorative cosmetics (make up, eye and lip products)

PACKAGING AND STORAGE

Trilube 136 is available in 175 kg metal drums. Packages should be closed after decanting. Shelf life if stored appropriately is 2 years.