



## 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 <sub>2</sub> /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.