



TRI-TECH CHEMICAL COMPANY Pty Ltd.

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TRILUBE 112 - METHYL LAURATE

TYPICAL PROPERTIES

Trilube 112 is a clear to light yellow, low viscosity liquid derived from esterification of hydrogenated coconut oil. It will consist predominantly of methyl laurate but also contains small amounts of similar esters such as methyl oleate and methyl palmitate.

The product has the following physical properties:

| | |
|------------------|---|
| Appearance: | Clear, low viscosity, light yellow liquid |
| Moisture: | 0.15% maximum |
| Acid value: | <2 mg KOH/g maximum |
| Flash point: | 94°C |
| Viscosity(40°C): | <10 cSt |

APPLICATIONS

Trilube 112 is a non-emulsifying fatty ester. Because of the low molecular weight of coconut fatty acids, it is less viscous and more volatile than most other fatty methyl esters. Its solvent and lubricating properties make it useful to formulators. It is also readily bio-degradable. Some applications include:

- Lubricant ingredient
- Solvent
- General purpose degreaser
- Formulation of personal cleaners and detergents

PACKAGING AND STORAGE

Trilube 112 is normally shipped in 180kg plastic drums or 850kg IBCs, although alternative shipping is easily arranged. Packages should be closed after decanting, and cool storage conditions will further enhance shelf life. Normally a shelf life in excess of twelve months should be expected.