



Technical Data Sheet

Biosovell

PRODUCT DESCRIPTION:

Biosovell is palm fatty acid methyl ester blended with powerful bio-based co-solvent. It is a clear, slightly yellow liquid with excellent solubilizing capabilities of pesticide active ingredients. Biosovell is made from 100% plant-derived and suitable for a wide range of pesticide formulations including emulsifiable concentrates (EC), oil dispersion (OD) that provides high emulsion and product stability. It is recommended as a replacement for petro-based solvents eg; xylene, white spirit and paraffinic hydrocarbons.

CAS: N/A

Common NAME: Methyl Ester Solvent

MOLECULAR WEIGHT: approx.156.31-298.5 g/mol

POLARITY: Low

BENEFITS:

- Outstanding pesticide active ingredients solubilizing capabilities
- High bio-content
- Provide high emulsion stability and product stability
- User friendly
- Environmentally friendly
- Readily Biodegradable

USE: Add to formulas as is, use to dissolve various pesticide active ingredients, usually compatible with both non-ionic and anionic surfactant.

APPLICATIONS: Pesticide solvent



TYPICAL PROPERTIES:

HANDLING AND STORAGE:

Properties	Method	Specification
Appearance	Visual	Clear Liquid, Slightly yellow
Color (Pt-Co)	ASTM D5386	80 max
Acid value (mg KOH/g)	ASTM D664	0.5 max
Density (kg/m ³) at 30°C	ASTM D4052	780-880
Flash point (°C)	ASTM D93	45 min
Water content (%wt)	EN ISO 12937	0.5 max

Keep the material in the anhydrous state in the original unopened containers at below 30°C. For longer term color stability, it is recommended that the product be stored under an inert atmosphere. Avoid direct contact to sunlight and higher temperature and high moisture. The product can be stored for at least two years.

TERMS & CONDITIONS:

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