

SSI Vegetable Methyl Ester Datasheet

Product Name: SSI Vegetable Methyl Ester

Product Description: SSI Vegetable Methyl Ester is a naturally derived petrochemical substitute. It is an organic product which has a variety of uses and benefits. It is biobased, biodegradable, virtually unreactive, non-toxic, non-carcinogenic, non-flammable, has very low VOC content, and contains no petroleum ingredients. SSI Vegetable Methyl Ester is great for our environment, great for reducing demand for petroleum, and great for industrial worker safety.

SSI Vegetable Methyl Ester is USDA BioPreferred Certified to display the USDA Label and satisfies U.S. Executive Order for Federal Government Biobased buying requirements.



Applications: SSI Vegetable Methyl Ester may be used in solvent, degreasing, lubricant and numerous other applications. It is a broad range methyl ester useful to replace mineral spirits, toluene, VM&P, acetone, xylene, d-Limonene and many other solvents in most applications. It provides high solvency action and a slow evaporation rate that aids in longer solvent contact with target material. Applications include cleaning, lubricants, corrosion inhibitors, paint removers, degreasers, agricultural adjuvants, graffiti removers, and mold release agents. It also can be used as an additive and alternative for diesel fuel to improve emissions and replace petroleum fuels.

SSI Vegetable Methyl Ester is a substitute for ozone depleting and other hazardous solvents (approved by the EPA).

Properties:

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|---|--|
| Appearance at 25° C..... | Clear, yellow liquid |
| Pour Point, ° C (° F) | <-5 to -2 (<23 to 28.4) |
| Boiling Point | 625 °F |
| Color, Gardner | 1 |
| Density, g/ml (lbs/U.S. gal) at 25° C. | 0.877 (7.31) |
| Viscosity, cps at 25° C | 15 |
| Flash Point, PMCC, ° C (° F)..... | >177 (>350) |
| RVOC, U.S. EPA, % | 1.7 g/l |
| Iodine Value (WIJS) | 125 to 135 |
| HMIS Rating | Health: 0, Flammability:1,Reactivity:0 |
| Kauri Butanol Value | 58 |
| Solubility | |
| Water | Insoluble |
| Methanol | Soluble |
| Kerosene..... | Soluble |
| Xylene..... | Soluble |

Storage & Shelf Life: Store at 65 to 75° F in a dry and odor-free environment for a minimum shelf life of 6 months in unopened containers.

This information representing typical values, is presented in the belief that it is accurate and reliable; however, no warranty either expressed or implied is made.



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