



Product Data Sheet

Higlyme – CAS# 366009-01-0

Common Names: Methyl Ether of >C9 alcohol ethoxylated with >five moles of ethylene oxide

A low-VOC polar aprotic diether with high solvency and low-vapor pressure and low toxicity

Novolyte offers high activity (97.0), low peroxide (5ppm max), and low moisture (0.1% ppm max).

Physical Properties

| | |
|--|---|
| Empirical Formula | $C_xH_{2x+2}O_{>6}$ |
| Molecular Weight | >400 |
| Boiling Point (°C 760 mm Hg) | >300C |
| Percent Volatile Organic Compounds (0.3g in aluminum pan for 1hr at 110C in a vented oven) | 6% |
| Freezing Point (°C) | -5 to -10 |
| Specific Gravity (20°C) | 0.975 |
| Vapor Pressure (mm Hg/ 25°C) | <0.010 |
| Volatility (n-butylacetate = 100) | <0.01 |
| Viscosity (mPA.s 21°C) | 22 |
| Flash Point (°C, closed cup) | 140 |
| Appearance | Hazy, will not separate Light yellow Ethereal |
| Odor | |
| Solubility at 25°C | |
| in water | Complete |
| water in | Complete |

Will dissolve most polar and non-polar non-polymeric organic compounds

Low-VOC Coatings

- Urethanes and inks
- Long non-polar and long polar ends

Scrubbing of Organic Vapors

- Remove polar and non-polar organics from gas streams
- Water soluble
- Hydrocarbon soluble

Agro-chemical

- High-solvency
- Little vapor or odor
- Enhanced time of action of insecticides and herbicides
- Again, low-VOC

Features

- Aprotic
- High boiling, high flash
- Water soluble
- Hydrocarbon soluble
- High solvency characteristics
- Powerful diluent
- Friendly tox profile
- Refer to MSDS for detailed handling and disposal information
- Use with proper PPE and engineering controls

Contact info: Customer Service 216-867-1050
customerservice@novolyte.com www.novolyte.com