



ELRASA - MPO™ (Methoxy Propanol)

Technical Datasheet

1. Technical Datasheet

Property	Specification
Physical Properties	
Appearance	Colorless liquid
Physical Form	Colorless liquid
Odor	Mild, ethereal, sweetish
Molecular Weight	90.12 g/mol
Density	0.921 g/cm ³
Specific Gravity	0.919 @ 25/25 °C
Viscosity	1.81 mPa·s @ 20 °C
Refractive Index	1.403 @ 20 °C
pH (aqueous solution)	4 - 7 (200 g/L in H ₂ O, 20 °C)
Assay / Purity	≥99.5%
Chemical Properties	
pKa	14.49 (Predicted)
Ionic Nature	Non-ionic
Incompatibilities	Strong oxidizers, strong acids, strong bases, aluminum, copper, isocyanates, perchloric acid, acid chlorides, acid anhydrides.
Hazardous Reactions / Decomposition Products	Hazardous polymerization will not occur. When heated to decomposition or burned, it may form carbon monoxide and carbon dioxide.
Thermal Properties	
Melting Point	-96.7 °C
Boiling Point	120.1 °C
Flash Point	31.1 °C to 34 °C (Closed Cup)
Autoignition Temperature	270 °C
Thermal Stability	Stable under normal temperatures and pressures.
Solubility	
Solubility in Water	Miscible / Complete



Property	Specification
Solubility in Ethanol	Miscible
Solubility in Methanol	Miscible
Solubility in Acetone	Soluble
Solubility in Diethyl Ether	Soluble
Solubility in Chloroform	Miscible
Solubility in Benzene	Soluble

2. Dosing by Application

Application	Recommended / Max Dosage
Industrial Spray Coatings & Enamels	5 - 10%
Alkyd Resin Building Paints	3 - 4%
Wood Stains	Up to 25%
Epoxy Paints	Up to 50%
Printing Inks	Not specified
Cleaners (Household & Industrial)	Not specified

The information and data contained herein are believed to be accurate but may not be all inclusive and should only be used as a guide. The information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the product for his particular use and on condition that they assume the risk of the use thereof.

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