

# Technical Data Sheet

## Eastman Omnia™ Solvent

### Applications

- Hard surface care
- Industrial cleaners
- Institutional cleaners
- Janitorial & household cleaners
- Process solvents

### Key Attributes

- Compatible with a wide range of materials
- High solvent activity
- Inert - Food
- Listed by GreenBlue® on their CleanGredients® database
- Listed with the highest rating (full green circle) on EPA Safer Choice's Safer Chemical Ingredients List
- Low surface tension
- Low vapor pressure VOC exempt in U.S. consumer products
- Mild odor
- Non-flammable
- Readily biodegradable
- Safe for multiple substrates

### Product Description

Eastman Omnia™ high-performance solvent has a unique chemistry for cleaners that offers an exceptional combination of performance, safety, and value. Effective in a variety of light- and heavy-duty cleaners formulated at neutral pH, Omnia delivers power to your formulation against a wide range of soils – from greasy dirt and tar to soap scum. It is readily biodegradable and meets CARB and U.S. EPA requirements for low vapor pressure VOC exemption in consumer products. The vapor pressure of Omnia at 20°C was determined using an instrument that conforms to ASTM D1160 method to determine its qualifications as an LVP-VOC.

### Typical Properties

Property	Typical Value, Units
<b>General</b>	
Appearance	Clear liquid
Autoignition Temperature	303 °C
Boiling Point @ 760 mm Hg	217.7 °C (424.8 °F)
Evaporation Rate (n-butyl acetate = 1)	0.01
Flash Point Setaflash Closed Cup	203.9 °F (95.5 °C)
Freezing Point	<-94 °F
Hansen Solubility Parameters <sup>a</sup>	
Dispersion	7.87
Hydrogen Bonding	5.62
Polar	3.13
Total	10.12
Hydrophile-Lipophile Balance (HLB) requirement	12.8
Molecular Weight	160.21
Refractive Index @ 20°C	1.4271
Solubility	
in Water, @ 25°C	3.9 wt %
Water In, @ 25°C	10.3 wt %

Specific Gravity @ 20°C/20°C	0.971
Surface Tension @ 25°C	29.3 dynes/cm
Vapor Pressure @ 20°C	0.04 torr (5.3 Pa)
Viscosity @ 25°C	5.77 cP
Wt/Vol @ 20°C	0.971 kg/L (8.1 lb/gal)

<sup>a</sup>Values estimated by Dr. Charles Hansen shown as [cal/cm<sup>3</sup>] <sup>1/2</sup>.

## Comments

Properties reported here are typical of average lots. Eastman makes no representation that the material in any particular shipment will conform exactly to the values given.

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