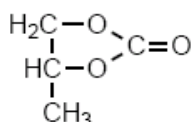


Technical Bulletin

JEFFSOL® PROPYLENE CARBONATE

VOC Exempt Solvent

JEFFSOL® PROPYLENE CARBONATE is a clear, mobile, hygroscopic liquid at room temperature.



APPLICATIONS

An excellent solvent for many organic and inorganic materials in such applications as surface cleaners, degreasers, dyes, fibers, plastics, batteries, aromatic hydrocarbons, and natural gas. A gellant for clays and a binder for foundry sand molds.

SALES SPECIFICATIONS

<u>Property</u>	<u>Specifications</u>	<u>Test Method*</u>
Appearance	Clear and substantially free of suspended matter	ST-30.1
Color, Pt-Co	40 max.	ST-30.12
Propylene Carbonate, wt. % ¹	99.7 min.	ST-35.114
Water, wt. % ²	0.10 max.	ST-31.53

¹GC Assay on water free basis

²Karl Fisher Assay

*Methods of Test are available from Huntsman Corporation upon request.

ADDITIONAL INFORMATION

Regulatory Information

DOT/TDG Classification	Not regulated
HMIS Code	1-1-0
WHMIS Classification	D2B
CAS Number	108-32-7

Chemical Control Laws

Canada, DSL	Listed
United States, TSCA	Listed

Typical Physical Properties

Ash, wt. %	< 0.01
Autoignition temperature, °C (°F)	430 (806)
Boiling point, °C (°F)	242 (468)
Dielectric constant, esu, 25°C	65
Flash point, PMCC, °C (°F)	135 (275)
LEL, (v/v) at 200°C, %	4.7
Melting point, °C (°F)	- 49 (-56)
pH	7
Specific gravity, 20/20°C	1.2
Specific resistance, ohm-cm 25°C	1-8x10 ⁶
UEL, (v/v) at 200°C, %	21
Vapor pressure, mm Hg, 20°C (68°F)	0.02
Viscosity, Kinematic, cSt, 43.3 °C (110°F)	1.6
VOC Content by ASTM D2369	VOC Exempt
Water Solubility (%)	1-10
Weight, lb/gal, 20°C	10.1

TOXICITY AND SAFETY

For additional information on the toxicity and safe handling of this product, consult the Material Safety Data Sheet (Safety Data Sheet in Europe) prior to use of this product.

AVAILABILITY

JEFFSOL[®] PROPYLENE CARBONATE is available in tank cars, tank wagons, and drums. Samples are available by contacting our sample department at 1-800-662-0924.

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The Woodlands, TX 77380
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**Huntsman Advanced Technology
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Samples 1-800-662-0924

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5142-0309

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