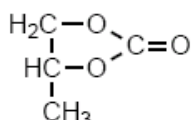


Technical Bulletin**JEFFSOL[®] PROPYLENE CARBONATE**
VOC Exempt Solvent

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

**APPLICATIONS**

- Excellent solvent for many organic and inorganic materials in such applications as surface cleaners, degreasers, dyes, fibers, plastics, batteries, aromatic hydrocarbons, and natural gas.
- 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**

CAS Number 108-32-7
See SDS for all regulatory information.

Shelf Life

The product should retain its conformance to sales specifications for a period of at least two years from date of manufacture if the product is stored at less than 100°F (37.8°C) in its undamaged, unopened, factory packaged container.

In general, the user should determine the suitability of any chemical compound, no matter what the shelf life or length of time of storage. Each user should conduct a sufficient investigation to establish the suitability of any product for his intended use.

Typical Properties

Flash point, PMCC, °C (°F)	135 (275)
Ash, wt%	< 0.01
Autoignition temperature, °C (°F)	430 (806)
Boiling point, °C (°F)	242 (468)
Dielectric constant, esu, 25°C	65
LEL, (v/v) at 200°C, %	4.7
Melting point, °C (°F)	- 49 (-56)
pH	7
Specific gravity, 20/20°C	1.2
Weight, lb/US gal, 20°C	10.1
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



Enriching lives through innovation

TOXICITY AND SAFETY

For information on the toxicity and safe handling of this product, consult the Safety Data prior to use of this product.

AVAILABILITY

JEFFSOL[®] propylene carbonate is available in tank cars, tank wagons, and drums of 550 pounds (249 kilograms) net weight. Small evaluation samples can be obtained by contacting any Huntsman Performance Products sales office.

5142-0717

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