

Technical Data Sheet

MCS®-2864

Applications

- Chemicals & petrochemicals
- Intermediates
- Lubricants
- Oil or gas processing
- Polymer & plastic
- Process additives
- Process solvents

Key Attributes

- High boiling point
- High chemical stability
- High flash point
- High solvency
- Low polarity
- Low reactivity

Product Description

MCS-2864 process fluid is a mixture of propylated biphenyls. Applications for MCS-2864 include high temperature reaction solvents or media.

Typical Properties

Property	Test Method	Typical Value, Units
General		
Appearance		Clear colorless liquid
Composition		Mixture of propylated biphenyl
Molecular Weight (Average)		252
Density		
@ 25°C (77°F)		0.951 g/cm ³ (7.94 lb/gal)
Copper Corrosion	ASTM D130	<<1A
Flash Point	ASTM D92	171 °C (340 °F)
Solubility Parameter		9.8
Water solubility		
@ 20°C (68°F)		<0.15 mg/L
Moisture Content		200 ppm, max
Autoignition Temperature	ASTM E659	407 °C (765 °F)
Fire Point	ASTM D92	196 °C (385 °F)
Viscosity, Kinematic		
@ 38°C (100°F)		12.0 cSt
Normal Boiling Point		333 °C (631 °F)
Vapor Pressure		
@ 93°C (200°F)		0.0382 kPa (0.006 psia)

Comments

Values quoted are typical values obtained in the laboratory from production samples and are not guaranteed. Production materials may vary. Contact Eastman for current sales specifications.

Typical properties does not constitute an express warranty.

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