

Technical Data Sheet
MCS®-2806

Applications

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

Key Attributes

- Fully saturated (>99%)
- High boiling point
- High chemical stability
- Low odor
- Low polarity
- Low reactivity

Product Description

MCS 2806 process fluid is a special blend of saturated hydrocarbons. Applications for MCS 2806 include process media or solvents in the chemical industry.

Typical Properties

Property	Test Method	Typical Value, Units
General		
Appearance		Clear colorless liquid
Composition		Synthetic hydrocarbon mixture
Molecular Weight (Average)		162
Density		
@ 25°C (77°F)		0.756 g/mL (6.31 lb/gal)
Copper Corrosion	ASTM D849	Pass-1B
Bromine Index	ASTM D2710	<100
Bromine Number	ASTM D1159	<0.1
Flash Point	ASTM D92	59 °C (138 °F)
Aniline Point	ASTM D611	79 °C (174 °F)
Kauri-Butanol Value	ASTM D1133	28.8
Water solubility		
@ 20°C (68°F)		<0.15 mg/L
Moisture Content		80 ppm, max
Autoignition Temperature	ASTM E659	247 °C (477 °F)
Fire Point	ASTM D92	71 °C (160 °F)
Viscosity, Kinematic		
@ 38°C (100°F)		1.28 cSt
Boiling Point		
@ 10%		190 °C (374 °F)
@ 90%		204 °C (400 °F)
Normal Boiling Point		192 °C (378 °F)
Vapor Pressure		
@ 93°C (200°F)		4.358 kPa (0.632 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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