

Technical Data Sheet
MCS®-2809

Applications

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

Key Attributes

- Aromatic-based blend
- High boiling point
- High chemical stability
- High flash point
- Low odor
- Low polarity
- Low reactivity

Product Description

MCS 2809 process fluid is an alkylated aromatic hydrocarbon blend with low vapor pressure. Applications for MCS 2809 process fluid include process media or solvents in many industries, including chemicals and petrochemicals.

Typical Properties

Property	Test Method	Typical Value, Units
General		
Appearance		Yellowish clear liquid
Composition		Mixture of C14-30 alkylated benzene
Molecular Weight (Average)		320
Density		
@ 25°C (77°F)		0.868 g/mL (7.25 lb/gal)
Copper Corrosion	ASTM D849	Pass-1B
Bromine Index	ASTM D2710	996
Bromine Number	ASTM D1159	0.7
Flash Point	ASTM D92	177 °C (350 °F)
Aniline Point	ASTM D611	46 °C (115 °F)
Kauri-Butanol Value	ASTM D1133	29.4
Water solubility		
@ 20°C (68°F)		1 mg/L
Moisture Content		150 ppm, max
Autoignition Temperature	ASTM E659	343 °C (650 °F)
Fire Point	ASTM D92	218 °C (425 °F)
Viscosity, Kinematic		
@ 38°C (100°F)		23.55 cSt
Boiling Point		
@ 10%		340 °C (644 °F)
@ 90%		390 °C (734 °F)
Normal Boiling Point		351 °C (664 °F)
Vapor Pressure		
@ 93°C (200°F)		0.0228 kPa (0.0033 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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