

# Technical Data Sheet

## MCS®-2810

### Applications

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

### Key Attributes

- Aromatic-based blend
- High boiling point
- High flash point
- High solvency
- Low polarity
- Low viscosity
- Moderate odor

### Product Description

MCS 2810 process fluid is an alkyl substituted aromatic hydrocarbon blend. Applications for MCS 2810 process fluid include process media or solvents in many industries, including chemicals and petrochemicals. It has high solvency due to its aromatic nature but low vapor pressure for its high molecular weight.

### Typical Properties

Property	Test Method	Typical Value, Units
<b>General</b>		
Appearance		Yellowish clear liquid
Composition		Alkyl Substituted Aromatic
Molecular Weight (Average)		206
Density		
@ 25°C (77°F)		0.971 g/mL (8.10 lb/gal)
Copper Corrosion	ASTM D849	Pass-1B
Bromine Number	ASTM D1159	1.2
Flash Point	ASTM D92	146 °C (295 °F)
Aniline Point	ASTM D611	19.6 °C (67 °F)
Kauri-Butanol Value	ASTM D1133	55
Water solubility		
@ 20°C (68°F)		0.55 mg/L
Moisture Content		130 ppm, max
Autoignition Temperature	ASTM E659	404 °C (760 °F)
Fire Point	ASTM D92	163 °C (310 °F)
Viscosity, Kinematic		
@ 38°C (100°F)		4.75 cSt
Boiling Point		
@ 10%		288 °C (550 °F)
@ 90%		332 °C (630 °F)
Normal Boiling Point		289 °C (552 °F)
Vapor Pressure		
@ 93°C (200°F)		0.248 kPa (0.036 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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