

Sulfuric Acid, 93% Technical

Product Specifications

Product Name: SULFURIC ACID, 93% TECHNICAL GRADE (66 DEG Baumé)	Site: BU, FH, JR, BL, MM, RL, WL, WT
Product Number: D12278316 BRG	Revision: 6
D12278451 SAM	Date Issued: 8/19/16
D12278306 TKR	Superseded: 5 (8/25/15)
D12278442 TKT	
SBU: Regeneration Services	
Business: Industrial Business	
Similar Names: H ₂ SO ₄	

SALES SPECIFICATIONS

Property	Units	Min.	Max.	Test Method
Acidity as H ₂ SO ₄	%	93.2	95.0	S8300.310.01.GR
Iron as Fe	ppm w/w		50	S8300.315.01.GR
Light Trans at 425 nm	% LT	70		S8300.315.06.GR

APPEARANCE: Technical grades may be slightly turbid with a straw colored tint.

TYPICAL VALUES

Typical values for other parameters available upon request.

OTHER INFORMATION

DOT Hazard Classification: Corrosive Liquid

PHYSICAL DESCRIPTION

Property	Typical Value	Units
Baumé at 16 °C (60 °F)	66.0	degrees Baumé
Specific Gravity at 16 °C (60 °F)	1.84	
Density at 16 °C (60 °F)	15.3 (114.4)	lb/gal (lb/ft ³)
Approx. Freezing Point	-35 (-31)	°C (°F)
Approx. Boiling Point	292 (558)	°C (°F)
Viscosity at 20 °C (68 °F)	23	cP
Specific Heat	0.38	cal/g-°C (=Btu/lb-°F)

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