

FICHA TÉCNICA

Control de Calidad

ÁCIDO FOSFÓRICO

75-85% H_3PO_4

SPECIFICATIONS

Component	Units	DCHA75		DCHA85	
		Minimum	Maximum	Minimum	Maximum
H_3PO_4	wt. %	75.0		85.0	
Arsenic	ppm As		3		3
Chloride	ppm Cl		5		5
Color	APHA		25		25
Fluoride	ppm F		70		70
Iron	ppm Fe		50		50
Nitrogen	ppm N		400		400

TYPICAL PHYSICAL PROPERTIES

Component	Units	DCHA75	DCHA85
Appearance		Clear liquid, colorless, odorless	Clear liquid, colorless, odorless
Density	lb/US gal	13.1	14.1
Melting Point (approx.)	°F (°C)	0 (-18)	70 (21)
Specific Heat	cal/g.°C	0.542	0.493
Viscosity	cP @ 25°C	21.5	43.5

TRACE ELEMENTS

Component	Units	Typical	Component	Units	Typical
Aluminum	ppm Al	<300	Manganese	ppm Mn	<2
Arsenic	ppm As	<2	Potassium	ppm K	<40
Calcium	ppm Ca	<100	Sodium	ppm Na	<400
Cadmium	ppm Cd	<5	Nickel	ppm Ni	<1
Chromium	ppm Cr	<4	Silicon	ppm Si	<15
Copper	ppm Cu	<1	Sulfate	ppm SO_4	200-450
Fluoride	ppm F	<40	Titanium	ppm Ti	<30
Lead	ppm Pb	<1	Vanadium	ppm V	<1
Magnesium	ppm Mg	<100	Zinc	ppm Zn	<25

Refer to a Safety Data Sheet for more information

Typical results are based on the analysis of a composite sample from a bulk shipment. Grab samples or individual car samples may fall outside of the typical range.

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PCS Sales (USA) Inc. · Suite 150, 500 Lake Cook Road · Deerfield, IL · 60015 · (847) 849-4200 · 1-800-524-0132