

PRODUCT DATA SHEET – Phosphoric Acid 85% Solution

PRODUCT

125010

PACKAGING AND SHIPPING

Available in 4X1 Gal Case, 15 Gal Drum, 55 Gal Drum, 3630 lb Tote, and Bulk.

CHEMICAL ANALYSIS

<i>Chemical Analysis</i>	<i>Typical</i>
H ₃ PO ₄ , %	85.0 - 85.5
Specific gravity @ 25/15.5°C	1.686 - 1.692
Chloride, as Cl, ppm	25 max
Color, APHA	10 max
Iron, as Fe, ppm	10 max
Sulfate, as SO ₄ , ppm	250 max
Melting point, approx.	70°F (21°C)
Density, lbs/gal	14.1
Specific heat, cal/gm - °C	0.493
Viscosity, cp @ 25°C	43.5
Color/Appearance	Water-white liquid, colorless, odorless
Aluminum, as Al	< 10 ppm
Arsenic, as As	< 3 ppm
Calcium, as Ca	< 40 ppm
Cadmium, as Cd	< 3 ppm
Chromium, as Cr	< 1 ppm
Copper, as Cu	< 1 ppm
Lead, as Pb	< 1 ppm
Magnesium, as Mg	< 10 ppm
Manganese, as Mn	< 1 ppm
Potassium, as K	< 8 ppm
Sodium, as Na	< 300 ppm
Nickel, as Ni	< 1 ppm
Silicon, as Si	< 5 ppm
Titanium, as Ti	< 8 ppm
Vanadium, as V	< 1 ppm
Zinc, as Zn	1 ppm

