

Product Name: Phosphoric Acid

54% P₂O₅

Order Code: **BDMGA**

SDS No.: 212

FERTILIZER PRODUCTS

Source: Aurora, NC

Alternate Names: BDMGA

TYPICAL ANALYSIS	TYPICAL	GUARANTEED PERCENT
Total Phosphoric Acid, as P ₂ O ₅ , Wt. %	53.0	52.0 min.
Solids, Weight %	<0.05	2.0 max.
Magnesium, as MgO, Wt. %	1.3	
Iron, as Fe ₂ O ₃ , Wt. %	0.7	
Aluminum, as Al ₂ O ₃ , Wt. %	0.5	
Calcium, as CaO, Wt. %	<0.1	
Fluoride, as F, Wt. %	0.4	
Sulfate, as SO ₄ , Wt. %	2.5	
Chloride, as Cl, ppm	<30	
Free Water, Wt. %	22.0	
Specific Gravity at 75°F	1.675	
Color	Amber	

WEIGHT AT 75°F		
Pounds/Gallon	14.0	
Pounds P ₂ O ₅ /Gallon	7.5	
Gallons/Ton	143.2	

VISCOSITY (Apparent Brookfield)		
TEMPERATURE °F	CENTIPOISE	
50	165	
75	115	
100	90	
150	50	

Note: All of the above properties are based on the analysis of numerous shipment samples.



Revised: 03/2021