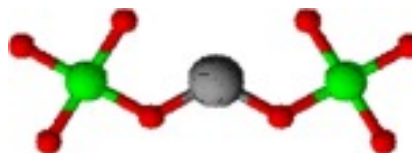


M140000	Platinum Line
Warranty certificate	
Assay of Mg (ClO ₄) ₂	75%
Acidity (Perchloric acid)	0.05%
Alkalinity (Mg oxide)	0.02%
Calcium (Ca)	15%
Chloride (Cl)	0.01%
Nitrate (NO ₃)	0.02%
Water (H ₂ O) [Karl Fisher]	<15%



Packaging	
100g white plastic jar	
500g white plastic jar	

Physical properties, composition and data	
Chemical formula	Mg(ClO ₄) ₂ .xH ₂ O
Synonym	Anhydron; Dehydrite; Perchloric acid magnesium salt
Chemical group	Perchlorates
Atomic weight	223.21 (anhydrous)
Appearance	White, very hygroscopic crystalline granular or flaky powder
Solubility	Soluble in water
Melting point	Decomposes at 251 °C
Boiling point	Decomposes
Density (g/ml)	2.21
pH (aqueous solution)	8.2
Hazardous material	Oxidizer

Laboratory preparation, applications and practices	
Laboratory preparation	Reaction of magnesium hydroxide and perchloric acid
Usage	Drying agent for gases

Storage and handling information	
Storage	Keep container tightly closed in an isolated place
Safety phrases	13-22-27
Risk phrases	9-22
Disposal methods	3

Transport regulations	
Tariff code	2829.9030
Hazardous class	5.1
Packing group	II
UN number	1475
ERG number	140

