

ALPHA ENVIRONMENTAL

COSMETIC RAW MATERIALS

PRODUCT DATA SHEET

PRODUCT CODE: MAP

MAGNESIUM ASCORBYL PHOSPHATE
Cosmetics GradeSynonyms: L-Ascorbic Acid Phosphate Magnesium Salt
Magnesium L-Ascorbic acid-2-phosphateCAS No. EINEC No. HS Code
113170-55-1**PHYSICAL DATA**

Chemical Formula	C ₁₂ H ₁₂ O ₁₈ P ₂ Mg ₃ · 10H ₂ O
Appearance	White to off-white Powder
Molecular Weight	759.22
Loss on Drying	20% max
pH (3% aqueous solution)	7 - 8.5
Color of Solution (APHA)	<70 (Colorless to pale yellow)
Odor	None to slight
Solubility	Miscible in alcohols, hydrocarbons, fats & oils

CHEMICAL SPECIFICATIONS (Typical Values)

Purity (on dry basis)	98.5% min
Chloride	0.35% max
Heavy Metals	10 ppm max
Arsenic (As)	2 ppm max
Water Content	25% max
Free Ascorbic Acid	0.5% max
Free Phosphoric Acid	1.0% max
Ketogluconic Acid	2.5% max
Other Ascorbic Acid Derivatives	3.5% max

PACKING1 kg (2.2 lb) in poly-laminated Aluminum foil pouch (heat sealed)
10 pouches in one corrugated board box (standard packing 10 kgs [22 lb]/box)
Minimum order quantity: 10 kgs (22 lb)**SHELF LIFE**

3 years under recommended conditions (stored at 20 degrees C in sealed, unopened boxes, away from heat and humidity)

The information provided herein is believed to be reliable, however, no guarantees are made or liability assumed.

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