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Magnesium Stearate

Introduction

Magnesium Stearate can be used as a stabilizer for plastic products, a powder molding agent for tablets, a catalyst for paint and a calming agent, and a raw material for cosmetic flour. There is basically no harm to the human body.

Molecular Formula:

Physical and chemical properties: this product is a white light powder with, specific gravity 1.028, odorless, slightly soluble in water, and soluble in hot ethanol, in case of a strong acid is decomposed into stearic acid and the corresponding magnesium salt, this product has hygroscopicity.

Formula: $(C_{17}H_{35}COO)_2Mg$

CAS NO.557-04-0

synonyms: MagnesiumStearate SP FACI

Properties

Items	Index
Magnesium oxide content/%	6.7-7.5
Melting point/°C	≥88.5
Heating reduction/%	≤4
Free acid (in terms of stearic acid)%	≤4
Fineness (0.075mm sieve)/%	99%

Application

1. Used as a cooperative stabilizer with calcium soap and zinc soap when making polyvinyl chloride safety products.
2. Used as a release agent in the pharmaceutical industry in the manufacture of tablets.
3. When used for powder cosmetics ingredients, it can improve adhesion and

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lubricity.

4. It can also be used as a transparent flattening agent for paint.

Safety

Magnesium Stearate is a non-toxic, environmentally friendly product, good biodegradable, and approved for application in food indirect contact packaging materials.

Package

This product is 20 kg/pack, packed in woven bags inside and outside, stored in a cool and dry place to avoid sun and rain, and the storage period is 12 months.

Storage

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