

Magnesium Hydroxide, USP

Specification Sheet

Description: Inorganic compound that occurs in nature as the mineral brucite. Widely used in the cosmetic industry as absorbent, filler and as buffering and neutralizing agent for controlling pH levels

CAS: 1309-42-8

INCI Name: Magnesium hydroxide

Composition: Magnesium hydroxide

Purity Grade: USP grade

Appearance: Fine, white powder, odorless

Benefits:

- Has effective oil-absorbent properties binding the oil on skin and from inside the pore lining.
- Widely used as filler and texturizer.
- Can be used to neutralize acids (pH < 7.0) but reacts only slowly. Cannot increase the pH further in products with a pH > 7.0.

Use: Typical use level is 0.2-1.5% when used as pH adjuster. When used as absorbent, filler or texturizer, it can be used at up to 30%. For external use only.

Applications: All kinds of skin care products like creams, lotions, deodorants, makeup products, shaving creams.

Solubility: Insoluble but dispersible in water.

Preservation: Preservative-free

Storage: Store in a closed container at a dry place at room temperature.

Country of Origin: USA, Israel

Raw material source: Seawater



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Manufacture: Sea water is treated with lime to precipitate magnesium hydroxide; the precipitate is then settled and separated from the spent brine by sedimentation, and finally filtered from residual brine and washed.

Animal Testing: Not animal tested.

GMO: GMO-free (does not contain plant-derived components)

Vegan: Does not contain animal-derived components.

HS Code: 2915290000