

Technical Data Sheet

CAREMAG™ D

CLARIANT INTERNATIONAL LTD

Rothausstrasse 61
4132 MuttENZ
SwitzerlandBUSINESS UNIT INDUSTRIAL &
CONSUMER SPECIALTIESwww.ics.clariant.com
www.clariant.com

Cosmetic active ingredient for body odor control

Composition

INCI Name: Magnesium Hydroxide (and) Magnesium Carbonate
Hydroxide

Product properties ¹

Appearance White powder
Magnesium Hydroxide as Mg(OH)₂ 90.0 - 96.0 %

Manufacture

Calcination and hydration of Magnesium Chloride.
Addition of CO₂ to Magnesium Hydroxide.

Profile

CareMag™ D is a novel patented molecule developed by ICL Speciality Minerals.

Mecanism of action

CareMag™ D inhibits the production of the malodor by controlling the growth of Gram positive bacteria. Thus, CareMag™ D offers a long lasting effect on body odor reduction. Moreover, thanks its particular crystalline structure, CareMag™ D entraps a certain amount of sweat and sebum, leaving the skin dry and smooth.

Being based on Magnesium salts, CareMag™ D supports as well the anti-stains claims.

¹ These characteristics are for guidance only and not to be taken as product specifications. The tolerances are given in the product specification sheet. For further product properties, specifications, safety and ecological data, please refer to the MSDS.

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Mildness

CareMag™ D is a very mild mineral produced from Dead Sea salts. This safe and natural ingredient will be suitable for any kind of skin types even the sensitive ones.

Compatibility

CareMag™ D is a weak alkaline mineral and is compatible for instance with stearate salts.

Use Level

A use level of 5 % to 20 % is recommended.

Formulation advice

CareMag™ D is insoluble in water.

CareMag™ D can be easily introduced in water-based formulations like emulsion or in anhydrous formulations.

The pH of the water based formulations will be around 10 and it is recommended to not adjust it.

Storage and Shelf Life

CareMag™ D has to be stored in the original packaging in a dry and aerated space.

The shelf life is at least of 2 years. After this period the product should be analysed for extension of the shelf life.

Safety

Please see Material Safety Data Sheet before handling the material.

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