

Product Data Sheet:

Diatom - Diatomaceous Earth by Caltron



Life Sciences

Diatomaceous Earth - A Natural Scrubbing Salt

This granular looking snow white natural salt is used as a scrubbing agent to prepare face wash and body scrubs. Unlike other types of scrubs, Diatom gets easily suspended in the mixture and has a very high whiteness index.

Caltron's Diatom scrubbing salt is available in the unique particle size that gives effective scrubbing results.



Derived NATURALLY

Gives an Effective Scrubbing Experience Cleaning Skin's Pores & Blackheads

Emits a Soothing Exothermic Effect Great for Exfoliation

How is Diatom Used: Diatom salt is ideal for making face and skin scrubs. Its snow white color and high suspending ability allows for various scrub based formulations with numerous colors and scents.

Storage: Store away from incompatible materials. Protect from freezing and physical damage. Keep away from food and beverages. Provide ventilation for containers. Avoid storage near extreme heat, ignition sources or open flame. Store in cool, dry conditions in well-sealed containers.

Lead Time: 35 - 40 Days

Package Size: 25 KG Drum

TYPICAL PROPERTIES

Test	Limits
APPEARANCE	White Powder
BULK DENSITY g/cc (Tapped)	0.42 - 0.48
SiO ₂ (Assay)	95% - 99.5%
Fe ₂ O ₃	0.4% - 0.6%
LOI (@ 1750 °F)	6.0% - 8.0%
LEAD	< 5.0 ppm
CADMIUM	< 1.0 ppm
ARSENIC	< 2.0 ppm
LOSS ON DRYING (@ 105 °C for 3 Hours)	< 7.0 %
Water Solubility %	Insoluble
pH Value (5% slurry)	6.0 - 7.5
Particle Size	80 - 245 Microns
TOTAL PLATE COUNT	Not More Than 100 CFU/gm
COLIFORM	< 3/gm
YEAST	< 10/gm
MOLD	< 10/gm
PATHOGENS	Free From any Pathogens

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