

Calcium

Oxide-Dispersion

CaO

Calcium oxide (CaO) dispersion can be used as bactericides, adsorbents, and in particular as destructive adsorbents for toxic chemical agents, because it has relatively less toxicity and no recorded endocrine disruptive effect. Calcium oxide dispersion are used in those areas where rainfall washes the calcium from the soil. It is feasible in drug delivery systems and used as dehydrating agent during the manufacturing of steel, an absorbent, and in fertilizers. It has the potential application for wastewater as hydrogen regulator.



Quick Facts

Purity	: 99.9%
APS	: 80nm
Concentration	: Customer requirement
Dispersing Agent	: Organic Solvent (DMF), IPA, Ethanol, Water (ddH ₂ O)
Form	: Slurry, Suspension, Dispersion, Colloidal

Applications

- ✓ Used in insecticides and fertilizers.
- ✓ Used as a laboratory reagent for gas absorption, dehydration
- ✓ Used in insecticides and fungicides
- ✓ Used as a refractory, heat-resistant
- ✓ Used in water treatment plants

Properties

- ✓ Impact resistance
- ✓ Surface gloss
- ✓ Dimensional stability
- ✓ scratch resistance
- ✓ Increases in tensile strength
- ✓ Flexural strength



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