

Product Name: **Calcium sulfite**

Synonyms: **sulfurous acid, calcium salt (1:1)**

CAS RN.: **10257-55-3**

EINECS: 233-596-8

Molecular Weight: 120.1412

Molecular Formula: $\text{CaSO}_3 \cdot 2\text{H}_2\text{O}$



Appearance white powder or granular size from 1.5mm-30mm or other size as per request

Calcium Sulfite (CaSO_3)De-Chlorine Action of oxidation-reduction reaction shower filter

In order to sterilize water, 1 ppm of chlorine is put into water. As a result of this, there should be certain amount of chlorine among water. This melted chlorine in the city water is called “Residual chlorine”;; it makes the unique smell and bad taste of city water. Residual chlorine is composed of hypo-chlorous which is kind of free available residual chlorine and chloramine which is combined residual chlorine. When calcium sulfite contacts with residual chlorine, it immediately breaks down residual chlorine to chloride which is not harmful to human body.

When chloric acid which is a kind of residual chlorine and calcium sulfite react, calcium sulfite takes oxygen and changes to calcium sulfate

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Specifications

- 1.Chemical formula : CaSO₃
- 2.Contents(CaSO₃) : 73.3%
- 3.Chloride : 0.13%
- 4.Pb / Arsenic : Non
- 5.Fe : 14mg/kg

Feature

1. Use the 94.8% high purity CaSO₃
2. Granules in form of a board surface area touching the water.
3. Chlorine removal reaction speed is fast.
4. Removing the chlorine is not affected by temperature effect.
5. Not detected Pb & As

Usage

- Water ionizer filter
- Water purifier filter
- Shower filter
- Water softener
- Bidet filter

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