

Technical Data Sheet of Soap Talc

Product Name: Soap Talc

Product Code: ACSCST

CAS No: 14807-96-6

Description: Soap Talc cost-effective filler in soaps and detergents to provide creamier lather, improve foaming, and impart a soft and silky skin feel. Soap Talc is an alternative for expensive base oils. Soap Talc is mostly added to body soaps & detergent soap for imparting whiteness and helps in cleansing away dirt and grime from skin surface & cloths.

Physical Properties:

Colour & Appearance: White free flowing powder without any visible contamination

CaCO₃ : 93 to 98%

PH (5% Aq. Soln.) : 8-10

Moisture & other volatile matters : 0.8% Max

1. Chemical Composition:

Active Ingredients: Hydrated magnesium silicate

2. Applications:

Soap Talc is used for wide range of applications such as:

Soap Talc is one of the most important industrial minerals and is the most common mineral for daily use as a body and face powder. It is used in most urban homes the world over.

Soap Talc has wide industrial applications as filler in rubber, textile, plastic, linoleum, asbestos products, polishes and soaps; as a loading agent for paper of all kinds; as a carrier of insecticidal and pesticide dusts and for coating calcium ammonium fertiliser.

Paper

Soap Talc both in pulverized and brick forms, are used in this industry. Pulverized material of 200-300 BSS sieve is required as filler. It is used in the same way as china clay, that is, the talc powder is mixed with pulp before making into paper. Soap talc bricks are used for lining pulp tanks in the paper industry.

Textiles

Textile industry also prefers talc powder free from grit and colouration, which is used both for loading and bleaching certain types of cotton goods. Inferior grades are used in back filling textiles.

Cosmetics

Cosmetics like face powder are prepared with a base of talc to which are added covering agents like pigments and adhesives, starches and perfumes.

Rubber

In rubber industry Soap talc is used for two purposes, one to prevent rubber moulds from sticking and the other as compounding material in the preparation of certain types of hard rubber.

Ceramics

Talc is increasingly being used in the manufacture of art wares, jars, wall and floor tiles. It serves as a non-plastic ceramic material. The addition of talc in suitable proportions in the body of mixtures for porcelain jars etc.

Paints

In this industry Soap talc of fine mesh is preferred. It is used as paint or an extender in paint industry

Other uses

A fair proportion of medium to inferior grades of talc is used in the manufacture of patricides and insecticides. Talc powder prevents infestation of food grains from insects and pests and hence it is sprinkled over food grains kept in big godowns. Other uses are for making crayons for marking purposes and for tailors' chalk.

3. Storage and Handling:

- Keep containers or bag tightly closed in a dry and well-ventilated place.
- Wear personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation. Avoid dust formation.

4. Packaging:

Soap Talc is available in 25kg, 50kg, jumbo bag and in various bag size.

5. Shelf Life:

The product typically has a shelf life of 24 months from the date of manufacture when stored as recommended.

6. Safety and Environmental Precautions:

Soap Talc is intended for industrial use only.

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Disclaimer: This technical data sheet is for informational purposes only and does not constitute a warranty or guarantee regarding the product's performance. Users should conduct their own tests to determine the suitability of Soap Talc for their specific applications.