

Technical Data Sheet of Limestone

Product Name: Limestone

Product Code: ACSCL

CAS No: 1317-65-3

Description: Limestone is nothing but the Calcium Carbonate is derives from limestone & marbles. The trigonal rhombic crystals tend to be rather larger than those of chalk. Limestone is consolidated sedimentary rock. Limestone is made-up of carbon, oxygen and calcium.

1. Physical Properties:

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

CaCO_3 : 93 to 98%

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

Moisture & other volatile matters : 0.8% Max

2. Chemical Composition:

Active Ingredients: Calcium magnesium carbonate

Hazardous Ingredients: None

3. Applications:

Limestone is used for wide range of applications such as:

- Limestone is used extensively in road and building construction, and is a material found in aggregate, cement, building stones, chalk, and crushed stone.
- steel manufacturing, mining, paper production, water treatment and purification, and plastic production due to its special white colour - as a coating pigment.
- Lime also has major applications in the manufacture of glass and in agriculture
- It is also used as filler in cosmetics
- Limestone is considered as an additive in the production of pesticides and poultry food. Natural calcium carbonate products are suitable and friendly with the environment
- Limestone forms a kind of internal frame structure in plastic products, and greatly improves the dimensional stability of plastic products. It can improve the product hardness, electrical efficiency, flame retardant performance, heat resistance and treatment performance.

4. 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.

5. Packaging:

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

6. Shelf Life:

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

7. Safety and Environmental Precautions:

Limestone 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 Limestone for their specific applications.