

Technical Data Sheet of Dolomite

Product Name: Dolomite

Product Code: ACSCD

CAS No: 16389-88-1

Description: Dolomite is a white mineral often tinted by impurities, found in sedimentary rocks and veins. It can be used for a variety of purposes, including as a soil conditioner, a source of magnesium and calcium for plants, a pH buffer in aquariums, and as filler in various industrial applications.

1. Physical Properties:

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

CaCO₃ : 53 to 75%

PH (5% Aq. Soln.) : 8-10.5

Moisture : 0.3% Max

2. Chemical Composition:

Active Ingredients: Calcium magnesium carbonate

Hazardous Ingredients: None

3. Applications:

Dolomite is used for wide range of applications such as:

- Dolomite is used as a source of magnesium metal and of magnesia (MgO), which is a constituent of refractory bricks.
- Dolomite is often used instead of limestone as an aggregate for both cement and bitumen mixes and also as a flux in blast furnaces.
- The use of dolostone as a flux has increased, especially since environmental contamination has become a widely heeded consideration, because the resulting slag can be employed for such things as lightweight aggregate, whereas that formed when limestone is used cannot. Such is the case because dolostone-based slag does not slake (disintegrate in water), but limestone-based slag does.

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:

Dolomite is available in 25kg, 50kg, Jumbo bags and various bag sizes.

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:

Dolomite 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 Dolomite for their specific applications.