



Technical Bulletin

Shelf Life of Dicalite Products (Including Dicalite Diatomaceous Earth (DE) and Dicalite perlite Products)

Dicalite DE and perlite products are mineral products, which typically take millions of years to form in commercially viable deposits. Dicalite DE and perlite products are processed at very high temperatures (>1000F) ensuring that any organic and/or temperature degradable components are removed.

Dicalite DE and perlite products do not contain any components which will affect shelf life during proper storage. The primary components are silicon dioxide, and other trace mineral oxides. There is no shelf life limit for Dicalite Mineral Products when stored properly.

Proper Storage of Dicalite Mineral Products

To prevent possible contamination of your Dicalite Mineral products please follow these guidelines.

1. Keep Dicalite products clean and dry until use. Moisture will not degrade Dicalite products, but it will make it difficult to unload, and may separate some of the material. (Most Dicalite products will disperse in water). Dicalite products as manufactured contain very low moisture (usually less than 0.5% depending upon the product). Dicalite products do not contain as manufactured any organic content. However, allowing water to absorb into the material may promote the growth of mold or other organic materials.

2. Keep the products away from odors. Both Dicalite DE and perlite odors have microscopic structure, which allows the retention of small amounts of liquids and/or gases on their surface. If you store the product next to products which have strong odors, it is quite common for Dicalite products to pick up these odors.

What to do if your Dicalite Mineral Product becomes contaminated.

You can dry Dicalite Products and they should return to their original properties. Similarly, you can remove odors by applying heat. This is of course, inconvenient, and potentially costly, so please prevent contamination by using proper storage guidelines.

If you have further questions please contact Technical Services at 575.838.4436.

