



Product Data Sheet

De-KD 14

Reactive Size

De-KD 14 Reactive Size is a highly efficient, alkyl ketene dimmer (AKD) emulsion and it reacts directly with cellulose to provide sizing. It specifically designed to enhance drainage and optimize sizing efficiency in most papermaking systems. The emulsion is formulated to work effectively with most retention systems and other additives currently employed in the paper industry.

BENEFITS:

- Highly efficient sizing agent
- Alkaline system pH
- Easy Handling in usage and Storage
- Cost Effective

TYPICAL PROPERTIES

Appearance.....	White Emulsion
pH	2.0-3.5
Total Solids	15 ± 1 %
Viscosity at 30C	45-50 cps
Specific Gravity at 30C	1.03-1.04
Shelf Life	30 days

APPLICATION:

De-KD 14 is cellulose reactive size and commonly known as AKD. It is freely soluble in water at room temperature, and need to be used as diluted form and dilution will be

recommended by Descon representative according to mills parameters.

De-KD 14 is cellulose reactive size and react directly with cellulose to provide sizing. It provided excellent resistance to a wide variety of penetrants.

De-KD 14 is a very stable emulsion that can be metered easily by using Dosing Pumps, in accordance with the controlled procedures of DESCON establishes for De-KD 14 application.

PACKGING, HANDLING & STORAGE

De-KD 14 is available in 220kg HDPE Drums and 1000 kg Tote Bins.

De-KD 14 is advised to be stored under shed away from direct sunlight. This product requires storing temperature between 30-35°C. Leaving drums open should be avoided to prevent any layer formation on the liquid surface.

SAFETY, HEALTH, ENVIRONMENTAL AND REGULATORY APPROVALS

Contact DESCON Representative for details.

Users are advised to observe all the safety measure shown on the label and study the Material Safety Data Sheet thoroughly before use. Buyer assumes the risk of any use contrary to such directions. The above mentioned chemical properties are based on the careful lab analysis at different intervals and may not represent the normal batch wise variation. There is no warranty expressed or implied associated with these values. Users are advised to perform their own tests to observe the safety and compatibility with each or in combination of products to be used with this product. Unless otherwise agreed in writing, buyers and users assumes all responsibility and liability for any loss and damage resulting from the handling and use of Descon Chemicals Limited product, whether used alone or in combination with other products.