



Product Data Sheet

De-Size 500

Rosin Soap

De-Size 500 is rosin soap for paper & Paperboard sizing. It's a light viscous liquid replacing the conventional gum rosin sizing with better economy. It is formulation of rosin particles, designed for the greater efficiency in Paper Sizing with minimized effects on machine owing to considerable less quantity of free/un-reacted rosin particles in the machine system.

De-Size 500 is specifically designed for use in Paper& paperboard sizing.

BENEFITS

- **Ready to use without cooking**
- **High Sponification Value**
- **Minimized unreacted rosin**
- **Cost effective**

TYPICAL PROPERTIES

Appearance.....	Brown Liquid
pH	9.0 - 9.5
Free Rosin	3-5 %
Total Solids	50 ± 1 %
Viscosity at 30C	60-65cps
Specific Gravity at 30C	1.15-1.17
Solubility.....	Freely Soluble in Water
Shelf Life	180 days

Application

De-Size 500 is highly sponified Rosin Size and

It is freely soluble in water at room temperature, can be used as such or in diluted form in combination with Alum (Ferric / Non-Ferric/ PAC) to attain the desired Cobb value.

De-Size 500 is fully sponified and ready to react with Alum without giving any unreacted rosin particle in system which ultimately reduce foaming tendency and improve sizing economy as well.

De-Size 500 optimized dosing rate can be obtained by maintaining the pH range 4.3 to 4.5.

De-Size 500 is a very stable solution that can be handled easily and ready to use but more uniform and optimized result can be achieved by dilution and in accordance with the controlled procedures DESCON establishes for De-Size 500 application.

PACKGING, HANDLING & STORAGE

De-Size 500 is available in 100 & 220kg HDPE Drums.

De-Size 500 is advised to be stored under shed away from direct sunlight. This product does not requires specific storing temperature. 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.