



**MPL Products**  
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## PRODUCT DATA SHEET

### WALNUT SHELL POWDER (NUT-PLUG)

#### PRODUCT DESCRIPTION:

NUT PLUG is a ground wall nut shells for treatment of lost circulation. NUT PLUG is available in fine, medium, and coarse grade, and may be used in all types and densities of fluid systems. NUT PLUG may be used as a granular – type lubricant to reduce torque and drag.

#### TYPICAL PHYSICAL PROPERTIES:

Form	Tan to Brown Granules
Odour	Mild
Dispersibility	Water based muds

#### APPLICATIONS:

NUT PLUG is an effective lost circulation material, helps to reduce the occurrence of lost circulation and remove sticky clays from the bottom hole assembly, is used for regaining lost circulation. NUT PLUG treatment level depends on the severity of the losses and type of formation where the losses occur. Typical treatment levels are 6 to 14 Kg/m<sup>3</sup> for moderate losses and 14 to 71 Kg/m<sup>3</sup> for more severe losses it may be used to treat the entire system. NUT PLUG is available in granular Shape and can be used in a blend of various sizes like, Fine/Medium/Coarse, to prevent lost circulation it may also mixed with particular of other shapes and sizes to provide a wide variation in particle properties for maximum Control.

#### SHIPPING:

Transportation of Commodity name is not restricted by either international or INDIA regulatory Agencies.

#### SAFE HANDLING RECOMMENDATIONS:

Utilize normal precautions for employee protection when handling chemical products. Use of standard PPE is recommended for employee comfort and safety. See safety data sheet (SDS) prior to use.

#### PACKING:

NUT PLUG is packaged in 25 Kg HDPE Laminated Paper Bags. Customized packing can be done as per request