



# N-SEAL™

## Lost Circulation Material

**Description** N-SEAL, acid soluble lost circulation material, is specially formulated extrusion spun mineral fiber. Due to its solubility in weak acids, N-SEAL is easily removed from production zones.

**Applications/Functions** N-SEAL can be used as an additive for loss of circulation in concentrations of up to 70 lb/100 gallons (86 kg/m<sup>3</sup>).

- Advantages**
- NSF/ANSI Standard 60 certified
  - Acid soluble
  - Easily-wetted
  - Inorganic and non-fermenting

- Typical Properties**
- Appearance Gray white fiber
  - Specific gravity 2.6

- Recommended Treatment**
- N-SEAL can be added directly through the hopper.
- For normal treatment to the active system, add 5-20 lb/100 gallons drilling fluid (6-24 kg/m<sup>3</sup>)
  - As a pill, add 20-70 lb/100 gallons of drilling fluid (24-86 kg/m<sup>3</sup>)

N-SEAL is 95% acid soluble. To dissolve 1 lb of N-SEAL, treat with either

- 1-2 lb AQUA-CLEAR™ MGA (1-2 kg/kg)
- or
- 0.5-1 gal of 10% HCl/5% Acetic acid blend (1-2 liters/kg)

**Packaging** N-SEAL is packaged in 30-lb (13.6 kg) multiwall paper bags.

**Availability** N-SEAL can be purchased through any Baroid Industrial Drilling Products Distributor. To locate the Baroid IDP distributor nearest you contact the Customer Service Department in Houston or your area IDP Sales Representative.

### Baroid Industrial Drilling Products

Product Service Line, Halliburton

3000 N. Sam Houston Pkwy E.

Houston, TX 77032

<b>Customer Service</b>	(800) 735-6075 Toll Free	(281) 871-4612
<b>Technical Service</b>	(877) 379-7412 Toll Free	(281) 871-4613