



# BARASORB<sup>®</sup> 955

## Spent Slurry Solidification Agent

**Description** BARASORB<sup>®</sup> 955 is a dry, free-flowing, powder designed to gel spent drilling fluid and/or slurries to a consistency where the final material can be disposed of as a “solid waste”. When mixed at the recommended concentration with a solids-laden slurry, BARASORB<sup>®</sup> 955 creates a gelled material within hours of application.

- Applications/Functions**
- Gelation and stabilization of solids-laden drilling fluids and slurries
  - Can produce a final material suitable for hauling and/or disposal as a “solid-waste” within hours of application

- Advantages**
- Easy to use
  - Helps reduce free water production as compared with cement
  - Can be incorporated with common soil excavating equipment or shearing devices
  - Can provide on-site treatment of spent slurry

- Typical Properties**
- Appearance Light colored powder
  - Specific gravity 2.65
  - pH 8 -10

**Recommended Treatment**

<b>Recommended Concentrations of BARASORB<sup>®</sup> 955 Solidification Agent for Slurry Stabilization</b>			
<b>BARASORB<sup>®</sup> 955 mixed directly into spent slurry</b>	<b>lb/bbl</b>	<b>lb/100 gal</b>	<b>kg/m<sup>3</sup></b>
	<b>10.5 – 72</b>	<b>25 – 172</b>	<b>30 - 206</b>

- The above are generalized concentrations of BARASORB<sup>®</sup> 955 Solidification Agent to be added to spent, water-based drilling fluids for disposal. The ultimate usage concentration will be based on the nature of the geologic spoils present, solids content and mixing efficiency.
- The best method to determine the appropriate concentration of BARASORB<sup>®</sup> 955 Solidification Agent required is through field pilot testing. Please contact your area Baroid IDP Sales Representative to assist you in this effort.
- The appropriate concentration of BARASORB<sup>®</sup> 955 Solidification Agent should be uniformly distributed across the surface of the slurry and then aggressively mixed into the slurry with a backhoe bucket or other appropriate soil mixing equipment.
- The concentration of BARASORB<sup>®</sup> 955 Solidification Agent necessary to produce a gelled material suitable for disposal is dependent on the solids content of the spent slurry to which it is added to. A higher solids content of the respective slurry reduces the amount of BARASORB<sup>®</sup> 955 required to produce a gelled material suitable for disposal. If a stronger set is desired for the selected slurry it may require an increased concentration of BARASORB<sup>®</sup> 955 to reach the desired set.

**Recommended Treatment (continued)**

- The application of BARASORB® 955 Solidification Agent requires the spent slurry to be contained in an earthen pit or an open top tank with a known volume. The respective containment system should allow unobstructed access to the slurry by a backhoe or other mixing equipment. The more efficient the incorporation method used to gain uniform distribution of BARASORB® 955 throughout the slurry and/or spoils the faster and more uniform and complete the gellation of the material will become.

**Packaging**

BARASORB® 955 is packaged in 50-lb (22.7-kg) bags.

**Availability**

BARASORB® 955 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>	<b>(800) 735-6075 Toll Free</b>	<b>(281) 871-4612</b>
<b>Technical Service</b>	<b>(877) 379-7412 Toll Free</b>	<b>(281) 871-4613</b>