

# BYK-GO 8780

Liquid hydrogen sulfide scavenger.

## Product Data

### Composition

15% (as ZnO) zinc ammonium carbonate solution.

### Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Appearance:	Clear liquid
Odor:	Ammonia-like
Non-volatiles:	23.0-26.0 %
pH range:	10.0-11.5
Active substance (as ZnO):	15.0 %

### Storage and Transportation

The product may solidify below -8 °C (18 °F).

## Applications

### Water-Based and Oil-Based Drilling Fluids

#### Special Features and Benefits

- Exceeds industry expected performance
- Economical
- Does not require pH adjustments to function

#### Recommended Use

In water and oil-based drilling fluids when drilling in zones of H<sub>2</sub>S occurrence.

In water-based drilling fluids viscosified with bentonite clay, the use of a dispersant is recommended to avoid changes in rheology.

#### Recommended Levels

0.5-2.0 lb/bbl (on an actives basis) addition level depending on the amount of H<sub>2</sub>S present.  
This should be determined by the Garret Gas Train.

## BYK-GO 8780

Data Sheet  
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### Example of Performance in a Water-Based Drilling Fluid

Sample	Base Mud	1.0 lb/bbl ZnO	2.0 lb/bbl ZnO	0.6 lb/bbl BYK-GO 8780	1.3 lb/bbl BYK-GO 8780
H <sub>2</sub> S, mg/l	1,650	1,200	900	150	0

H<sub>2</sub>S quantified via Garrett Gas Train. Product additions (lb/bbl) based on active content.

### Incorporation and Processing Instructions

BYK-GO 8780 can be incorporated directly into the mud system. Minimal agitation is satisfactory, but vigorous agitation is recommended. Pilot testing prior to use on the rig is highly recommended to determine the appropriate use level.



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