



## Product Bulletin

### PRODUCT NAME

### Corrosion Inhibitor AI-23

### APPLICATION

Drilling Corrosion Inhibitor

### DESCRIPTION

AI-23 is designed as a corrosion inhibitor for use in water-based drilling systems. AI-23 controls both general and pitting corrosion in the presence of oxygen, carbon dioxide, and hydrogen sulfide. AI-23 is compatible with all other Appalachian Drilling Services additives

### PROPERTIES

Appearance.....Liquid  
pH (neat).....7.0-9.0  
Flash point.....None  
Specific Gravity.....1.14  
Pour point.....15°F

### DATA

DOT Classification.....Nonhazardous  
Environmental.....Readily Biodegradable

### SOLUBILITY

Soluble in both fresh water and heavy brine.

### STORAGE

AI-23 is a mild irritant to both skin and eyes and normal precautions should be taken to avoid eye and skin contact. AI-23 can be stored unopened for one year. If frozen, thaw and remix contents. Pumping and storage materials should be constructed of 316 stainless steel, PVC, CPVC, TYGON, Polypropylene, or buna rubber. Mild steel or copper should be avoided.

### HANDLING

Refer to SDS for safety and handling information.