

## Product Data Sheet

### Introduction

UBPro-422 corrosion inhibitor is a film forming amine that is water soluble and effective for use in solids-free brines and packer fluids. UBPro-422 corrosion inhibitor is effective up to 400°F (204 °C) in monovalent brines and up to 300°F (149°C) in calcium and zinc brines.

### Typical Properties

Appearance	Clear light yellow to brown liquid
Solubility:	Soluble in water
pH, (1% aqueous solution)	9-11
Amine value, mg KOH/g	80-115

### Applications/Functions

- UBPro-422 corrosion inhibitor is an effective corrosion inhibitor in solids-free packer fluids and other oil and gas industry applications.
- UBPro-422 corrosion inhibitor is effective at temperatures up to 400°F (204 °C) in monovalent (sodium and potassium) brines and up to 300°F (149 °C) in divalent (calcium and zinc) brines, Typical results show over ninety percent corrosion inhibition.

### Advantages

- Effective at low concentrations
- Convenient and easy to use
- Economical

### Recommended Treatment

- Treatment recommendations should be based on area histories which indicate a need for an inhibited packer fluid and compatibility test of UBPro-422 corrosion inhibitor with the packer fluid.
- The suggested treatment for solids-free freshwater or brine packer fluids is 0.5%-1% by volume.
- All personnel handling this material must handle it as an industrial chemical, wearing protective equipment and observing the precautions as described in the Material Safety Data Sheet (MSDS).

### Package

UBPro-422 corrosion inhibitor is packaged in 55-gal (208L) drums containing 462-lb (210kg) net weight.