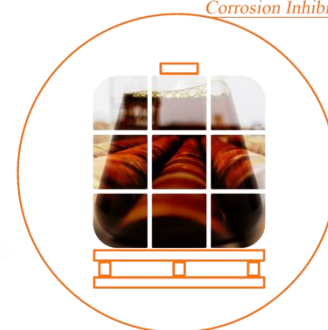


Oil and Gas Corrosion Inhibitors

Protect iron and steel components in the wellbore and treating equipment from the corrosive treating fluid.

Corrosion Inhibitor



Product #: UBPro-160

Introduction

UBPro-160 is a specifically formulated Mannich based compound with special quaternary ammonium salt type acidizing corrosion inhibitors. Compared with other traditional acidizing corrosion inhibitors, UBPro-160 has better dissolution and dispersion in high temperature applications with more significant corrosion inhibition effect and lower cost. It is applicable for the temperature up to 160°C in most of acid solution systems with outstanding compatibility.

Technical Index

Items	Specification
Appearance	Reddish brown to brown uniform liquid
Specific gravity (20°C)	1.05- 1.15 g/cm ³

Typical Technical Data

Temperature	Dosage	Acidizing Fluid	Corrosion rate g/(m ² • h)
160°C	4%	20%HCL	≤60
		12%HCl+3%HF	≤50

(Refer to PetroChina standard SY/T5405-2019)

Advantage

- UBPro-160 has proven superior and consistent anti-corrosion performance over other corrosion inhibitors
- in the market at high temperature (up to 160°C).
 - UBPro-160 can provide high efficient anti-corrosion performance with extremely low corrosion rate.
 - UBPro-160 has better water & acid solubility, and better compatibility with most of acid solution systems.
 - UBPro-160 has zero residues of formaldehyde and other aldehydes by-products.
 - UBPro-160 has none-toxic substances such as antimony trichloride.
 - UBPro-160 is applicable for the pipeline using steel N80, L80, P110, etc

Recommended Handling

- UBPro-160 can be easily dispersed in water and acid with common dosage up to 4%. For cross-linked acidizing system, compatibility lab test with the acid thickener is recommended.

Packaging and Storage

- Packed in 55gal barrel and IBC or other specific packaging requested by customer.
- Should be stored in a cool and ventilated place.
- Shelf life: 12 months.

For more information, Send email: info@youzhuchem.com, or call 0086 13408536218 or for information on other YouzhuCHEM products visit youzhuchem.com