



CORINOX

DESCRIPTION

Corinox is a neutral to basic solution, which consists of a high performance catalyst, an efficient oxygen-scavenging agent, and selective organic filming substances.

PROPERTIES

Physical		Chemical	
Appearance:	Pale blue-green liquid	Type:	Oxygen scavenger
Specific Gravity:	1.25	Solubility:	Soluble (water 100%)
Melting Point:	-15° C	pH:	6.8-7.4
Flash Point:	>150° (PMCC)	Microtox:	>75% @ (1.0L/m ³)

APPLICATION

Corinox is a unique dual-purpose corrosion prevention chemical mixture in a liquid form. It has the ability to scavenge dissolved oxygen effectively as well as the capability to adsorb onto active corrosion sites (anodes) on drill pipe, casing and tubing in water based fluids. Because of its filming ability, Corinox can reduce or prevent corrosion from small quantities of carbon dioxide and/or hydrogen sulfide. Unlike organic amines (cationic) that coat on solids, Corinox's organic components (anionic) do not adsorb onto solids in the drilling fluid and have very little effect on the rheology of water base drilling fluids.

Under normal conditions, for a program with a corrosion level of \mp 25 mpy, initially add one pail of Corinox per 16 m³ of fluid to be treated. Severe corrosion may require higher concentrations. To assess the requirement of Corinox in any condition, it is best to use a corrosion rate method such as corrosion ring analysis or an instantaneous corrosion monitor. If high corrosion rates persist and are determined to be oxygen related, supplemental additions of an oxygen scavenger such as Sodium Sulfite should be made to the system.

MIXING AND HANDLING

Corinox does not require any cumbersome equipment such as manual or automatic injection systems; therefore, it eliminates the problems of equipment failure and the cost of equipment rental and maintenance.

Avoid contact with eyes, skin and clothing. In case of contact, immediately wash with plenty of water. Flush eyes with flowing water immediately and continuously for twenty minutes. See a physician if necessary. Remove contaminated clothes and shoes and wash before re-use.

WHMIS: Controlled (see MSDS)

TDG: Not regulated

PACKAGING: 20 liter pail