



# PRODUCT DATA SHEET

## ECOPOL-IRA-200

### Iron Reducing Agent

#### PRODUCT DESCRIPTION

**ECOPOL-IRA-200** is an iron reducing agent used in acidizing or low pH fluids to control solubilized iron in the presence of asphaltenes, thus reducing the risk of iron/asphaltene induced sludge caused by ferric iron. **ECOPOL-IRA-200** is designed to achieve a complete reduction of the ferric iron to the ferrous state.

#### PHYSICAL & CHEMICAL PROPERTIES

Specific Gravity: 1.31  
Appearance: Clear to Pale Yellow Liquid  
Ionic Charge: Non-ionic  
Odor: Slightly Ammonia

#### PRODUCT ADVANTAGES

**ECOPOL-IRA-200** is nonionic in nature, thus making it compatible with most additives and surfactant packages used during the acidizing process. **ECOPOL-IRA-200** is designed in a manner that over-treatment with the product would not pose a detrimental effect as would be the case with certain other alternative reducing agents. **ECOPOL-IRA-200** iron reducing agent is designed to be lower in cost than other products used in the industry. Unlike other mercaptan based iron reducers, **Ecopoo-IRA-200** does not require and addition catalyst to be added.

#### APPLICATION

Below are suggested loadings in 15% Hydrochloric Acid.

<b>Ecopol-IRA-200 Loading</b>	<b>Ferric Iron (Fe<sup>3+</sup>), ppm</b>
<b>3gpt</b>	<b>1250</b>
<b>12gpt</b>	<b>5000</b>

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