ERYT OS
Oxygen Scavenger

**Product Description**
ERYT OS is a sodium erythorbate base oxygen scavenger. It is an organic sulfur-free additive used in monovalent and divalent brines.

<table>
<thead>
<tr>
<th>Typical Physical Properties</th>
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<tbody>
<tr>
<td><strong>Physical appearance</strong></td>
<td>White crystalline powder</td>
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<tr>
<td><strong>Specific gravity</strong></td>
<td>1.65±0.01</td>
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<tr>
<td><strong>Solubility in water</strong></td>
<td>Soluble</td>
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<tr>
<td><strong>pH (10% solution)</strong></td>
<td>5.0 – 8.0</td>
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**Application**
Inhibits corrosion caused by the presence of dissolved oxygen in completion and workover brines.

ERYT OS additive should be added at the suction and not through the mixing hopper to reduce the amount of oxygen incorporated into the system.

The recommended initial treatment of ERYT OS additive is 15 lb/100 bbl (0.43 kg/m3) of brine. If the concentration of oxygen is high, then this level should be increased to roughly 10 times the concentration of dissolved oxygen.

Makeup water should be treated with soda ash or bicarbonate to reduce hardness and increase the performance of the product.

**Advantages**
- Effective sulfur-free oxygen scavenger for calcium-containing brines
- Will not precipitate calcium
- Environmentally friendly
- Effective at low concentrations
- Fast-acting reaction with O2, even at low temperature

**Packaging and Storage**
ERYT OS is packaged in 50-lb (25-kg) sacks. Store in a dry location away from sources of heat or ignition, and minimize dust.

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**Important Note:** These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and method of use of our product are beyond our control. We recommend that the prospective user determine the suitability of our material and suggestions before adopting them on a commercial scale.