LoSurf-2000S™ surfactant is a solid, powder surfactant. It is a blend of anionic nonemulsifier and an anionic hydro trope. LoSurf-2000S surfactant can be used as a surface-tension reducer and nonemulsifier in fracturing and acidizing applications.

**Applications**

LoSurf-2000S surfactant can be added to stimulation fluids as a solid, or it can be premixed in water and metered into the treatment for on-the-fly application.

LoSurf-2000S surfactant can prevent and/or remove emulsion or water blocks during stimulation treatments. It can also be used in water-based mud dispersants, preflushes, acids, HF acid, and overflushes.

**Compatibilities**

LoSurf-2000S surfactant is compatible with the following fracturing/acidizing fluids:

- Delta Frac® service
- Delta FracPac® service
- HyBor™ system
- Pur-Gel™ III service
- Thermagel™ service
- Delta 275 service
- My-T-Gel™ fluid
- Sandstone 2000™ damage-removal and conditioning system

- acids containing mutual solvents and surfactant dispersants
- hydrochloric acid (HCl)
- MOD™ acids
- HTA-710™ acid containing HAI-81M™ or HAI-GE™ inhibitors
- SGA-II™ and SGA-HT® gelling agents
- SWIC II™ system

LoSurf-2000S surfactant is anionic and soluble in moderately agitated aqueous fluid. It is ionically compatible with other anionic, anionic/nonionic, and nonionic surfactant blends. When cationic components are present in the stimulation blend, the addition of mutual solvents or a surfactant dispersant such as A-Sperse™ enhances compatibility.

**Benefits**

LoSurf-2000S surfactant provides the following benefits:

- tested environmentally responsible by Environmental Protection Agency (EPA) oil and grease tests (Method 1664)
- drum disposal and hazardous solvents are eliminated
- fewer shipping restrictions because properties are nonhazardous
- lower treatment level than that of liquid surfactants but with comparable performance.

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**LoSurf-2000S™ Surfactant—Product Specifications**

<table>
<thead>
<tr>
<th>Part No. (1-lb bag)</th>
<th>101209144</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part No. (25-lb sack)</td>
<td>101209127</td>
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<tr>
<td>Form</td>
<td>Off-white powder</td>
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<tr>
<td>Specific Gravity</td>
<td>1.20</td>
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<tr>
<td>Bulk Density</td>
<td>20 lb/ft³</td>
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</tbody>
</table>
Sales of Halliburton products and services will be in accord solely with the terms and conditions contained in the contract between Halliburton and the customer that is applicable to the sale.