SURFACTANTS
Solutions in flow.

Fine tune fluid performance with surfactants that can improve rheology and boost the production potential of your next well.

Rockwater offers a range of proven surfactants that can help you better manage fluid performance in any operating environment. Surfactants can help achieve rapid breakout times that are critical to well profitability. Our surfactants provide a variety of functions including surface tension reduction, flowback enhancement, and emulsion prevention. Rockwater surfactants are supported by our lab team to fine tune performance for your specific field and flow.

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<th>Product</th>
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<td>Non-Ionic</td>
<td>Surfactant for acid or water-based fluids</td>
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<tr>
<td>MEG-901</td>
<td>Non-Ionic</td>
<td>Green microemulsion and flowback additive</td>
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<tr>
<td>NEA-731</td>
<td>Anionic</td>
<td>Non Emusifier for acid or water-based fluids</td>
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<td>NEA-732</td>
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<td>NEA-734</td>
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<td>Non-flammable Non Emusifier for acid or water-based fluids</td>
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SFN-720
Non-ionic surfactant blend formulated with a biodegradable ethoxylated linear alcohol to provide an alternative to NP-9 (nonylphenol ethoxylate) chemistry. SFN-720 provides excellent water-wetting and surface tension reduction.

MEG-901*
Environmentally friendly microemulsion solvent/surfactant blend derived from natural renewable oils and formulated for use as a clean-up additive. MEG-901 also improves penetration when used in acid treatment applications.

NEA-731
NEA-731 is an anionic surfactant blend effective in preventing emulsions between the treatment fluids and formation crude oil. This product is estimated to reduce surface tension to 28 to 29 dynes/cm. NEA-731 may be used in acid treatments or water-based fracturing fluids.

NEA-732
NEA-732 is an anionic surfactant blend effective in preventing emulsions between the treatment fluids and formation crude oil. This product is estimated to reduce surface tension to 29 to 32 dynes/cm. NEA-732 may be used in acid treatments or water-based fracturing fluids.

NEA-733
NEA-733 is a nonionic surfactant blend with application in preventing emulsions between the treatment fluids and formation crude oil. NEA-733 may be used in acid treatments or water-based fracturing fluids.

NEA-734
NEA-734 is a nonionic non-flammable surfactant blend with application in preventing emulsions between the treatment fluids and formation crude oil. NEA-734 may be used in acid treatments or water-based fracturing fluids.

LAB SERVICES
Our lab services are staffed by experienced chemists and engineers who assess different aspects of your well and fluid systems to formulate solutions that boost productivity and prevent issues over the life of the well.

- Quality control and assurance
- Cold climate stability testing
- Additive compatibility analysis
- Surface tension and capillary suction
- Flow loop differential pressure testing

DISTRIBUTION & WAREHOUSING
Rockwater is your supply chain partner with a proven track record and a warehousing footprint in every major North American shale basin. We deliver the chemicals you need in a safe and efficient manner, while providing visibility every step of the way to keep your completion on schedule and on budget.

- 24/7 in-house customer service support
- Distribution centers in all major basins
- Extensive logistics automation improves dispatch and compliance
- Smith System® trained drivers with HAZMAT and Tanker Endorsements

FOR A QUOTE OR MORE INFORMATION
Contact your Rockwater representative or find your nearest Rockwater location at rockwaterenergy.com/contact.

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