



Technical Data Sheet

ACCENT™ 1121 Scale Inhibitor

Description

ACCENT™ 1121 Scale Inhibitor is a high active concentrate of polycarboxylic acid sulfonated copolymer used to treat scaling species commonly occurred in oilfield waters.

Application

ACCENT™ 1121 Scale Inhibitor can be applied continuously downhole or topside, or via scale squeeze application to prevent carbonate and sulfate scale formation at threshold dosages. The product can be diluted and blended with other materials or used as-is.

Product Features and Benefits

- Excellent carbonate and sulfate scale inhibitor
- Superior barium sulfate, calcium sulfate and calcium carbonate inhibitor – works at low concentration
- Exhibits good calcium and other multivalent ion tolerant behavior
- Effective in crystal modification and offers strong dispersant properties
- Excellent product stability at high temperature
- Good stability with freeze-protecting solvents, such as ethylene glycol and methanol

Typical Properties†

Visual Appearance	Colorless to Yellow Liquid
% Solid	37
Dynamic Viscosity*, 25 °C, cP	225
pH, at 25 °C	4.8
Bulk Density, 25 °C, g/ml	1.20

† The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications.

Technical Service

- ACCENT™ Scale Inhibitors have been tested extensively in various oilfield brines using static and dynamic tube block testing. Data is available from our technical service team.
- Dow technical service team can help in formulation troubleshooting and product recommendation for specific oilfield condition.

Solubility

- Soluble in water
- Compatible with most phosphonate scale inhibitor chemistries

Product Availability

- North America
- Latin America
- Asia Pacific
- Europe, Middle East, Africa and India

©™ Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow
ACCENT™ 1121 Scale Inhibitor / Dow Industrial Solutions

Packaging and Storage Recommendation

ACCENT™ 1121 Scale Inhibitor is available in 238 kg drums, 1,180 kg totes and bulk quantities. Long-term storage below 0°C may cause some solidification of the components. ACCENT™ 1121 is freeze-thaw stable and product performance is not impaired as long as the whole container is heated to 20°C and well mixed. A freeze-protected formulation can be developed for this material. Please contact Dow representative for more details.

Handling Precaution

Before using this product, consult the Safety Data Sheet (SDS) for details on product hazards, recommended handling precautions and product storage.

Disposal Considerations

Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner. It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your Dow Technical Representative for more information.

Contact information:

North America: +1 (800) 447-4369
Latin America: +55 (115) 188-9000
Europe: +3 (111) 567-2626
Pacific: +6 (037) 965-5392

Product Stewardship

Dow has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products - from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

Customer Notice

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

NOTICE: No freedom from infringement of any patent owned by Dow or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where Dow is represented. The claims made may not have been approved for use in all countries. Dow assumes no obligation or liability for the information in this document. References to "Dow" or the "Company" mean the Dow legal entity selling the products to Customer unless otherwise expressly noted. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.

