

**TECHNICAL DATA
SHEET****PRODUCT DESCRIPTION**

Petrotreat DSA50 is an Acetic, Formic and HCL acid blend combined with a solvent package. This combination works synergistically to remove oily film while water wetting the rock matrix enabling the acid to contact the acid solubles more effectively. The DSA50 is blended with Iron control agents, Inhibitors and surfactants. This product is designed to dissolve acid solubles at a slower rate, which makes it very well suited for dirty sandstone formations. It can be applied to wells with bottom hole pumps. The spent product can be produced out of the well bore without causing production problems.

The Petrotreat DSA50 is designed for inorganic deposits such as calcium carbonate, iron carbonate and iron sulphide. This product is formulated with approximately 15% acid strength.

APPLICATION

Petrotreat DSA50 Scale Remover can be applied as a batch and soak to clean up the formation face or downhole production equipment for oil wells and water disposal wells. The DSA50 is very effective as a squeeze product to clean deposition further back in the formation. It is also ideal for near well bore clean up on gas wells with low bottom hole pressure support. 2 - 3 drums can be batched down the tubing of these wells and allowed to soak for 4 - 24 hours without overbalancing the bottom reservoir pressure. Squeeze volumes usually consist of 1 - 10 m3 based on each wells characteristics and desired results.

PHYSICAL PROPERTIES

Appearance Yellow in color
Density 0.98 Kg/l
Flash Point 11 °C

HEALTH AND SAFETY

The product described herein may require precautions in handling or use because of flammability, toxicity or other considerations. Petrotreat Inc. can provide Material Safety Data Sheets, which detail the precautions necessary to handle, apply or store this product.