

DSC-2000SI
SCALE INHIBITOR**Product Description**

DSC-2000SI is a hydroxyamino phosphate ester designed for squeeze or continuous treatments of calcium and magnesium carbonate, calcium, barium and strontium sulfate, and iron scales in water systems. DSC-2000SI can also be used to formulate corrosion inhibitors for oxygen corrosion in drilling environments in water systems.

Typical Physical Properties

Form, @ 70°F	Liquid	
Density (pounds per gallon)	8.8 - 9.0	
Flash Point, °F. (TCC)	>212 □	
Pour Point, °F	25 □	
pH	Less than 2	
Solubility	Fresh Water	Soluble
	High TDS Brine	Soluble
	Hydrocarbon	Insoluble

Recommended Application

Scale usually occurs because the minerals in produced water exceed their saturation limit as temperature and pressures change. Scale also results from mixing incompatible waters. Scale can vary in appearance from hard crystalline material to soft, friable material. Color can vary from black to white, with actual deposits containing many other minerals and impurities such as paraffin, salt, and iron.

DSC-2000SI helps to prevent these scales from forming and also to dissolve existing scales. DSC-2000SI is soluble in heavy brines and is effective up to temperatures of 350°F. Typical injection rates for DSC-2000SI are 25 to 50 parts per million.

Shipping and Handling

DSC-2000SI is available in 5 gallon pails, 55 gallon drums and bulk tank. As with any individual chemical, avoid prolonged contact with skin. In case of skin or eye contact, flush exposed area with copious amounts of water. A material safety data sheet outlining proper handling of this product is available upon request, or will be forwarded upon the purchase of DSC-2000SI.