

NuFlo™ DeScale 81

Patent Pending

Technical Data Sheet

DeScale 81

Scale remover for triazine-based sulfur scales.

Description:

NuFlo™ DeScale 81 is highly concentrated, high strength scale remover. It is extremely effective at removing Sulfur scale from oil and gas applications including tanks, bubble towers, flowlines, and pipelines.

Characteristics:

NuFlo™ DeScale 81 has been specially formulated to dissolve sulfur scale created by triazine-based H₂S scavengers. A water-based solution that allows for easy non-regulated disposal of the effluent. 24" thick layers of scale can be dissolved and pumped out of tanks in less than 8 hours. DeScale 81 treatments are time and cost efficient, requiring no manned entry or well downtime during treatment.

Applications:

- Dissolves sulfate (sulfur) scale from triazine-based (HHTT) H₂S systems: Bubble Towers, Flowlines, Tanks.
 - Works on: dithiazine, trithiane, paraformaldehyde
- Does Not Require: Manned Entry, Chisels.
- Fast acting dissolver, treatments take only a few hours to complete.



Product Benefits

- Dissolves scale on contact
- No Corrosion Issues
- Water Based, non-regulated.
- Easy Disposal
- Little Downtime
- No Manned Entry
- Economical
- Patent Pending



NuFlo™ DeScale 81

BULK DENSITY	9.321 #/gal
SPECIFIC GRAVITY @ 20 °C	1.117 g/cm ³
FREEZE/THAW STABLE	YES
HEAT STABLE (UP TO 65 °C)	YES
ODOR	MILD
FLASH POINT (°C)	NONE
EVAPORATION RATE (n-BuAc=1)	<1
MELTING POINT / FREEZING POINT	7 °C (45 °F)
BOILING POINT	>100 °C (212 °F)
pH	7.5
APPEARANCE and COLOR	Clear Colorless Liquid
TYPICAL CONCENTRATION	10-15% with water

Availability: 55-gallon, 275-gallon tote-bins, and bulk tankers.

Shipment: Non-Hazardous for transport via DOT, IMDG, and IATA.

Storage: Keep out of direct sunlight. Keep from freezing. Store between 45-120°F.

Disposal: Dispose of in accordance with local, state, and federal regulations.

TYPICAL TREATMENT METHOD:

- 1) Treat system with 10-15% solution of DeScale 81 and water.
- 2) Recirculate solution with heat for faster results. Temperatures of up to 180 °F will dissolve scale 10x faster than ambient.
- 3) Pump out the solution for disposal.
 - a) Maximum use temperature 180 °F.

SAFETY:

Please make sure you have read and understand the product label and SDS before using this product. Use proper chemical hygiene when handling product. Wash thoroughly after handling. Observe label precautions. This product is classified and labeled according to the Globally Harmonized System (GHS).

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