

NuFlo™ CSI

Technical Data Sheet

Corrosion & Scale Inhibitor

Prevents scale buildup and corrosion

Description:

NuFlo™ CSI (Corrosion & Scale Inhibitor) prevents the precipitation of inorganic salts from supersaturated water, which is co-produced with most hydrocarbons during oilfield operations. Typical Scales are calcium carbonate and barium sulfate, but a broader range of inorganic salts also can be observed.

Characteristics:

NuFlo™ CSI effectively controls corrosion in process pipelines and equipment. It can be used to treat water cut well flow lines, process equipment and oil pipelines. NuFlo™ CSI is particularly suitable for pipelines application where it will partition predominantly into the water phase ensuring effective treatment of water setting out at low spots.

This product also completely mixes into the water phase where corrosion and scale prevention are most prevalent. NuFlo™ CSI is used in batch treatments of wells, pipelines and tanks. Treatment volume is influenced by the depth of the well, flow of the pipeline, and the amount of sludge deposits. It can also be used as part of a continuous injection program to continually disperse and thus inhibit scale formation.



Product Benefits

Protects Steel from Corrosion
Low Toxicity
Biodegradable

Physical Properties



NuFlo CSI

BULK DENSITY	8.92 lbs/.gal
SPECIFIC GRAVITY@ 20 C	1.07 g/cm ³
SOLUBILITY IN WATER	100%
SELF-DEMULSIFYING	YES
ODOR	Mild
Vapor pressure @ 20°C (68F)	6.6 hPa (5 mmHg)
VISCOSITY (mPas)	10
MELTING POINT / FREEZING POINT	100C
VOC	0%
pH	10.2
APPEARANCE and COLOR	Pale Yellow
VAPOR PRESSURE, mm Hg	6.6 hPa (5 mmHg)

Availability: 5-gallon, 55-gallon containers and 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 40-100°F.

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

This product is classified and labeled according to the Globally Harmonized System (GHS).

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EMERGENCY OVERVIEW:

Non-Hazardous. Immediately wash hands thoroughly.

SAFETY:

Please make sure you have read and understand the product label and MSDS before using this product. Avoid breathing vapors, spray or mists. Use only with adequate ventilation. Wash thoroughly after handling. Observe label precautions.