

ICS-FI-9

Flow Improver



International
Chemical
Group

Description:

ICS-FI-9 is a mixture of a surface-active agents in a hydrocarbon solvent.

Applications:

ICS-FI-9 was formulated as a flow improver for oil production. For best results it is best applied to the raw emulsion at the wellhead. The surface-active agents in ICS-FI-9 have been found to significantly reduce the surface tension in emulsions allowing for reduced pressures and thus maximizing flow.

ICS-FI-9 can be used in light, medium and heavy crudes. In some heavy oil systems that use diluent for flow improvement, the application of ICS-FI-9 has shown reduction in diluent use up to 50%.

ICS-FI-9 is field strength but if further dilution is required it can be diluted with aromatic solvents, kerosene or diesel fuel.

Physical Properties:

Appearance:	Brown liquid
Activity:	40%
Solubility:	Hydrocarbon
Specific Gravity:	0.91 @ 25°C (77°F)
Freeze Point:	-20°C (-4°F)

Dosage:

Treatment rates will depend on the factors of the crude oil being treated, but typically applications require up to 500 ppm of ICS-FI-9. If the oil is being diluted with a diluent, treatment rates are typically in the 100 to 150 ppm rate.

Handling:

Please refer to the Safety Data Sheet for further handling information.

Packaging:

ICS-FI-9 is available in drum and tote quantities.

Technical Data Sheet

Liability Disclaimer - The information in this Data Sheet is provided without suggestion of warranty or guarantee. "Physical Properties" are typically values rather than specifications. The user is responsible for investigation for suitability of this product for their own use.



International Chemical Service Ltd.
Suite 1378 – 5328 Calgary Trail NW
Edmonton, Alberta, Canada T6H 4J8
P: 780-433-4352 F: 780-669-3764
E: international@intlchemgroup.com



Integrated Chemical Services Inc.
4830 Wilson Rd Ste 300 PMB 14
Humble, Texas, USA 77396
P: 866-433-4352
E: integrated@intlchemgroup.com