

# SINGLE SHOT EMULSIFIER – INOBM SR01

PRODUCT DATA SHEET



## Description

INOBM SR01 is a proprietary modified fatty acid derivative that is used in invert emulsifier systems as a emulsifier and wetting agent. The product has been designed to emulsify water into oil and to aid in oil-wetting of drill solids.

INOBM SR01 effectively increases emulsion stability and aids in fluid loss control. The product delivers premium performance across a broad temperature range and in a variety of mud formulations.

## Application

- INOBM SR01 is a combination emulsifier, that exhibits the characteristics of both primary and secondary emulsifier, designed for use in the field with diesel, mineral oil or other hydrocarbons.
- It is typically used with lime, viscosifiers and fluid loss control agents to formulate an oil base or synthetic base drilling fluid.
- The concentration may vary depending on specific conditions, typical concentration: 12 to 14 lb./bbl.

## Physical Properties

S.No.	Parameter	Specification
1	Physical State	Dark brown liquid
2	Specific gravity @ 25 Deg. C	0.95 – 0.96
3	Acid Value (Mg KOH/g)	45 – 55
4	Flash point (Deg. C)	Greater than 100.0
5	Electrical Stability (In 70:30 oil: water ratio – AHR @ 300 Deg. F for 16 hours, Volts)	Greater than 550
6	HTHP Filtration Volume (In 70:30 oil: water ratio – 300 Deg. F and 500 psi, ml)	Less than 6

## Handling and Storage

**Handling:** Handle as per industrial chemical wearing personal protective equipment. Practice reasonable caution and personal cleanliness. Avoid skin and eye contact. Please refer material safety data sheet for safety and carefully handling of this product .

## Advantages

- Premium product that performs across a broad temperature range
- Versatile & designed for stable emulsions in a wide variety of mud conditions (i.e. base oils and mud weights)
- Environmentally friendly
- Blended with low toxicity, low aromatic solvent.

## Packaging

The product is supplied in Net 190 kg. MS drum or as per the customer's requirement.

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