

TECHNICAL DATA SHEET NWOSOL 15

NWOSOL 15 is a safe and eco-friendly nano-washing solvent. It has high oil-washing efficiency, particularly suitable for removing dense oil layers.

Typical Characteristics

Parameter	Specification
Appearance	Colourless to yellow liquid
Specific gravity (g/cm ³)	0.85 – 1.05
Surface tension (mN/m)	≤ 32
Oil washing rate (%)	≥ 30

Application

- Reduces the critical micelle concentration (CMC), making it easier to form micelles and microemulsions in the washing solvent
- Facilitates miscibility with the oil phase, increasing the flowability of the remaining oil
- Effectively reduces interfacial tension between injected water and crude oil
- Enhances emulsifying, penetrating and peeling ability
- Increases the sweep efficiency of subsequent liquid

Packaging and Storage

NWOSOL 15 is packaged in 180 kg drum or 900 kg drum.

Store in dry, well-ventilated area. Keep container closed. Keep away from heat, sparks and flames. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and/or stacking.

Recommended Handling

All personnel handling this material must handle it as an industrial chemical, wearing protective equipment and observing the precautions as described in the Safety Data Sheet (SDS).

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