Solent Chemicals
Solutions for a better tomorrow

TECHNICAL DATA SHEET
CL-OR 20

CL-OR 20 is a biodegradable oil reservoir cleaning agent composed of natural extracts, specially formulated for wetting, penetration, emulsification, dispersion and peeling. It has good oil washing properties as well as the ability to dissolve wax, colloids and asphaltene. This makes CL-OR 20 particularly effective in preventing the precipitation of wax, gum, asphaltene and other organic matter, prolonging the service window of the reservoir.

Typical Characteristics

Parameter	Specification
Appearance	Liquid
Solubility in water	Soluble to form white emulsion
Flash point, closed cup (°C)	≥ 61
pH, 1% solution	6.0 – 8.0
Washing oil rate @ 60°C (%)	≥ 98
Organochlorine (%)	0

Application

- Used in oil wells with high wax, colloids and asphaltene content
- Used for removing organic matter plugging in oil layer
- Used for pretreatment of the stratum before steam stimulation, reducing the steam injection pressure and improving sweep efficiency
- Heavy oil well plugging: Dilute CL-OR 20 with water into a 5 – 20% emulsion. Inject into the stratum and close for 12 – 48 hours. Flow back is not necessarily required, depending on the specific needs of the well construction
- Well washing and paraffin plugging: Dilute CL-OR 20 with water into a 5 – 20% emulsion for circular washing
- Steam stimulation: Dilute CL-OR 20 with water into a 5 – 20% emulsion. Inject into the stratum as front fluid

Solent Chemicals Private Limited (Company Reg. No: 200914789R)
No. 12 New Industrial Road, #03 -02A Morningstar Center, Singapore 536202
Tel: (65) 6383 0138 | Fax: (65) 6383 5228 | admin@solentchem.com

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Packaging and Storage

CL-OR 20 is packaged in 22.5 kg drum, 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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