



PRODUCT DATA SHEET

Oil Safe AR®

Synthetic Acid Replacement

Description:

Oil Safe AR® is a safe yet functional replacement for traditional hydrochloric acid treatments and other commonly used oilfield acid treatments. **Oil Safe AR®** carries a triple zero hazardous materials information system score and is non-toxic, non-fuming, and will not corrode or rust most metals. The standard **Oil Safe AR®** formula includes iron control agents and de-mulsifiers and requires no organic acid additions or corrosion inhibitors under most conditions.

Physical Properties:

Appearance:	Yellow to Colorless	Freezing Point:	-31.6°C (-24.9°F)
Odour:	Mild Soapy	pH Neat:	< 1
Boiling Point:	100°C (212°F)	Specific Gravity:	1.152 ± 0.04
Flash Point:	None	Solubility:	100% in water

Features and Benefits:

- Applications include: stimulation squeezes and soaks on horizontal and vertical wells – injection/disposal well treatments – scale clean-up on pumps, screens, bumper springs, perforations, tubulars – remedial cementing operations – fracturing spearheads – boiler treatments, pipeline and surface facility scale removal
- Safe on most metals, tubulars, piping, and pumping equipment
- Non-toxic, non-fuming, non-mutagenic
- 100% biodegradable; acid free and naturally inhibited
- Secondary containment is not required, no disposal restrictions
- Standard formula includes surfactant and de-mulsifiers
- Requires no additional corrosion inhibitor step for most applications
- Requires no iron control agent addition for most applications

Shipping and Handling:

Oil Safe AR® can be shipped in IBC tote containers, or by bulk container methods, and has a storage life of better than one year. Keep container closed when not in use. As with all chemical products and materials, take care as to how you handle and where you store them. Personal protective equipment (PPE) is recommended for use when handling this product however no special gloves or suits are required.

When pumping this product, it is strongly recommended to use manufacturer approved hose couplings and fittings (316 stainless steel), polypropylene or polyethylene. Do not use aluminum fittings.

910, 640 – 5th Avenue SW | Calgary, Ab. T2P 3G4 • Tel: 403-237-8900 | Fax: 403-265-6199

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