



Product Data Sheet

Product and Chemical Description

Product Name:	Quarc 1095
Chemical Name:	Polyquaternium ammonium chloride
CAS Number:	
Company Name:	ARC Products Inc
Address:	4010 La Reunion Parkway Suite 160 Dallas, TX 75212
Telephone Number:	(214) 638-2468

Product Application and Uses

Quarc 1095 is the first in a series of novel surfactants that exhibits a unique set of functional properties. It is a result of completely new, patent-pending chemistry developed at ARC Products, Inc. that combines the positive functional qualities of both non-ionic and cationic surfactants into a product that is compatible with all anionic materials tested to date. Quarc 1095 was designed primarily to provide superior function in classic Oilfield applications such as Acidizing, Fracturing and Production Chemical treatments. Anticipated and proven functional characteristics include: Emulsion-breaking and emulsion-preventing in 'spent acid', anionic/cationic/nonionic polymer and surfactant-compatible non-emulsifying in fracturing fluids, improved flow back through rock surface modification and excellent performance in both surfactant-only and micro-emulsion systems. Its compatibility with anionic surfactants makes it an excellent candidate for needed functions in IOR, EOR and production demulsifier systems. Early indications show that Quarc 1095 helps destabilize difficult crude oil emulsions that contain problematic colloidal solids, resulting in cleaner oil/water interfaces when emulsions are broken.

Typical Properties

Appearance	Clear amber liquid
pH, (5% solution)	6.0 - 7.0
Active (%)	95
Density	8.68
Viscosity (cps, 20°C)	1900
Moisture (%)	5.0
Flash point (°C)	>93.3

Date: 06/26/2020
Revision: New

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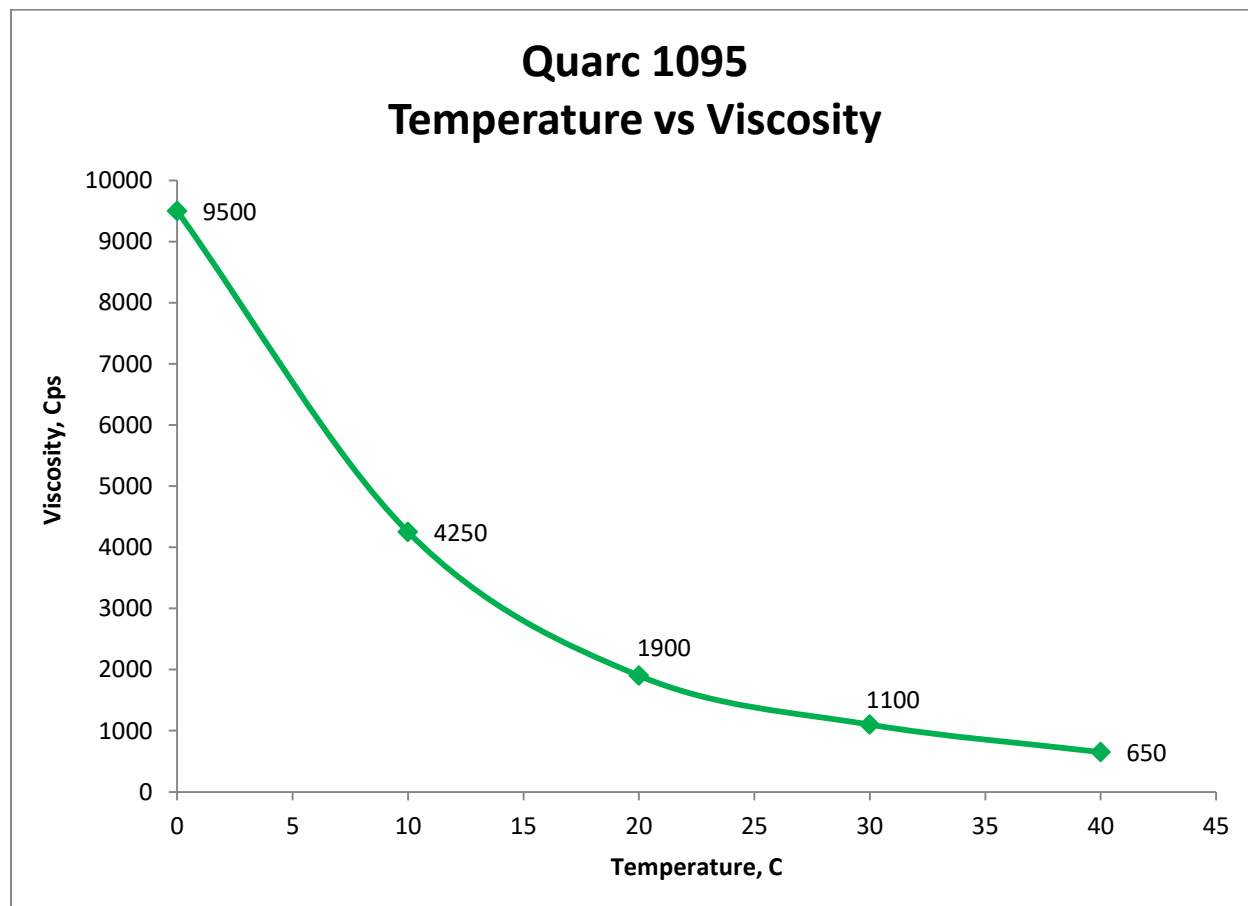
Pour point (°C) -7

Solubility:

Water	Completely
Aromatic 200	10%w/w
Isoparaffinic oil	Insoluble
Methyl soyate	5%w/w
API brine	Dispersable

Storage and Handling

Storage Do not allow the product to freeze. If the product does freeze warm to at least 10C and mix to ensure homogeneity.





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Handling Use appropriate personal protective equipment when working with Quarc 1095. Do not get into eyes, on skin, ingest or inhale mist generated during the use of the product. Try to prevent the generation of mist during use of the product. Make sure that proper ventilation and eye washes/safety showers are present in the immediate work area. Do not flush product into the sewer system.

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