

MSW 1.0 is a homogenous, finely dispersed dispersion of paraffin in water and is stabilized with an anionic emulsifier.

Properties	Test Method	Units	Typical Values
Water content	QMM 482	% per weight	52-56
Appearance			Off-white liquid
Density	DIN 51757	g/ml	0.95
Viscosity @ 23°C, Brookfield	QMM 480	mPa-s	250
pH value at 20°C	QMM 483		8.5

Other Typical Properties	
Wax type	Paraffin
Emulsifier type	Anionic
Shear stability	Good
Foaming tendency	Moderate
<b>Tolerance:</b>	
Hard water	Low
Acid/Alkaline	Low
Dilution	1:10

## HANDLING, HEALTH AND SAFETY

To ensure the quality of the emulsion, we recommend the following handling procedures:

Use thoroughly cleaned equipment for pumping and handling. Clean any equipment properly after use, before the product is dried up and an oily film is formed.

Continuous used plant components should be cleaned once per year. Choose low shear pumps, mixers and loading equipment and avoid any foam when off-loading. Filling under surface level is recommended, maximum pressure of two bar. Do not use tank truck pumps and control the loading process carefully. Keep the product temperature in a range between +5°C to +40°C at any time. The optimum condition is 15°C - 30°C. Stir product gently in storage tanks at about 10 rpm. To avoid evaporation, keep tanks, containers and drums closed and store product in original by sealed packaging. For dilution, add de-ionized water to the emulsion, not vice versa, and use up diluted emulsion right away. Due to the nature of emulsions, the shelf life of MSW 1.0 is six months from date of manufacture.

Because handling and storage is beyond our control, any decanting, diluting and storage remain in the responsibility of the customer.

MSW 1.0 complies with the following regulations:

XXXVI recommendation of BFR

FDA 21 CFR 176.180

FDA 21 CFR 175.105

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