Strem Chemicals, Inc

www.strem.com

Catalog # 93-1236 Magnesium naphthenate (3.5-8.0% Mg)

$$\begin{bmatrix} O & O \\ O & \overline{O} \end{bmatrix}_{2} Mg^{2+}$$

$$\begin{bmatrix} O & \overline{O} \\ D & \overline{O} \end{bmatrix}_{2} Mg^{2+}$$

$$D = 0.5$$

Technical Notes

- 1. Interactions of divalent cations with tetrameric acid aggregates in aqueous solutions [1].
- 2. Used in the study of Mg²⁺ influence on formation and inhibition of calcium naphthenate at the water/oil interface [2-3].

References:

- 1. Colloids Surf. A, Physicochem. Engin. Aspects, 2012, 396, 238.
- 2. Energy Fuels **2014**, 28, 1726.
- 3. Colloids Surf. A, 2018, 539, 53.
- 4. J. Phys. Conf. Series, 2018, 1123, 012057.