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TECHNICAL INFORMATION

Catalog Number: 102895
Caprylic acid, sodium salt

Structure:

Molecular Formula: CsH₁₅O₂N

Molecular Formula: C₈H₁₅O₂Na **Molecular Weight:** 166.2

CAS #: 1984-06-1

Synonyms: Sodium caprylate; Octanoic acid, sodium salt

Physical Appearance: White waxy powder

Critical Micelle Concentration (CMC): 351 mM Detergents with high CMC values are generally easy to remove by dilution; detergents with low CMC values are advantageous for separations on the basis of molecular weight. As a general rule,

detergents should be used at their CMC and at a detergent-to-protein weight ratio of approximately ten. 1,2

Solubility: Soluble in water

References:

- Womack, M.D., et al., *Biochim. Biophys. Acta*, v. 733, 210 (1983)

- Matson, R.S. and Goheen, S.C., LC-GC, v. 4(7), 624 (1986)