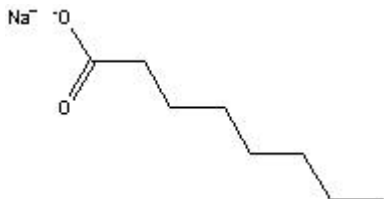


TECHNICAL INFORMATION

Catalog Number: 102895
Caprylic acid, sodium salt

Structure:



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)