

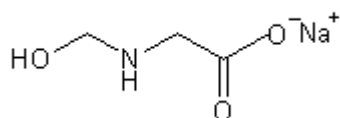
Sodium Hydroxymethylglycinate

CAS Registry No.: 70161-44-3

Molecular Formula: C₃H₆NO₃Na

Molecular Weight: 127.07

Structural Formula:



Specifications

Appearance	Colorless to light yellow transparent liquid
Odor	slight characteristic odor
Nitrogen	5.3—6.0%
Solids	49.0—52.0%
Specific Gravity(25°C)	1.27-1.30
pH	10.0—12.0

Applications: Sodium Hydroxymethylglycinate is sold as a 50% aqueous solution of Sodium Hydroxymethylglycinate. The solution is a clear alkaline liquid with a mild characteristic odor. This single preservative is a broad spectrum and cost effective antimicrobial that is active against Gram-positive bacteria, Gram-negative bacteria, and mold. Sodium Hydroxymethylglycinate is approved for use in the Americas and is permanently listed by the EU at levels up to 0.5% active (1.0% as supplied) without restrictions.

For use in shampoos and conditioners, when used at 0.4%-0.1% as supplied.

Sold as a pH 10-12 aqueous solution and can be used to react with Stabileze® 06 or to neutralize Carbomer to form stable clear gels without losing antimicrobial activity. Highly effective when used in combination with other preservatives; in combination with LiquaPar® Oil, is particularly effective for preserving complex formulations. Stable and active up to pH 12; can be used in acidic conditions as low as 3.5, giving the formulator very broad pH flexibility, as well as being able to adequately preserve alkaline products, e.g., soap bars.

Packaging: Standard packaging includes the following: 1kg/bottle, 10 bottles /box. 25 kg net weight plastic pail. Other package sizes are available upon request.

Storage: Store in a well-ventilated, cool, dry area, out of direct sunlight. Keep containers tightly closed when not in use.