

NEW FOR 2006

Maguard™ SPP

Water Soluble Sodium Propyl Paraben Preservative for Personal Care Products

Overview

MAGUARD™ SPP is globally approved sodium propyl paraben. MAGUARD SPP is a preservative that provides broad spectrum antimicrobial activity at low concentrations in combination with other parabens and/or preservatives like phenoxyethanol.

SPP is soluble in water and compatible with wide range of raw materials and stable over wide pH and temperature ranges.

Parabens have a strong safety history based on comprehensive toxicology results and significant use experience in some foods, oral medicines and skin preparations in addition to cosmetics and toiletries. Parabens like Maguard SPP have been tested extensively to meet personal care regulatory standards in the key global regions including Japan.

MAGUARD SPP is used to provide broad spectrum preservation of **Shampoos, Conditioners, Personal Scrubbing and Cleansing Wipes, Creams and Lotions, Sun Screens, Makeup and Powders.**

INCI Name: Sodium Propylparaben, CAS#: 35285-69-9, EINECS# 252-488-1

Typical Properties

Physical form White Crystalline Powder
Odor None
Soluble in cold water
Storage.....Store in Well Closed Container

Typical Use Levels/Conditions

0.05 – 0.4%
Optimal formulation pH 4 – 8

Handling Information

Refer to the Material Safety Data Sheet (MSDS) available from Mason Chemical Company for information on the safe use, handling and disposal of this product.

Maguard is a Trademark of Mason Chemical Company.

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EFFICACY DATA – MINIMUM INHIBITORY CONCENTRATION

Microorganism	% Maguard SPP
Staphylococcus aureus	0.05
Escherichia coli	0.05
Pseudomonas aeruginosa	0.02
Candida albicans	0.02
Aspergillus niger	0.02

REGULATORY INFORMATION

North America

All components are permitted for use as a preservative.

Europe

All components are included in EC Cosmetic Directive Annex VI list of permitted preservatives up to 0.4%.

Japan

All components are permitted for use as a preservative.

Refer to Material Safety Data Sheet for Handling and Safety Information and Toxicology Summary.

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