

CoSept™ M

INCI Name: METHYLPARABEN (METHYLPARABEN NF/FCC/BP/EP)

Product Code: 0349

CAS #: 99-76-3

EINECS: 202-785-7

Brand: CoSept™

CoSept M is an extra fine white powder with faint odor that is non-hygroscopic and generally recognized as safe (GRAS) for use as a preservative in foods. For over 50 years this neutral ester of para-hydroxybenzoic acid has functioned as an excellent bacteriostatic and fungistatic agent at low concentration against a wide range of organisms. It is stable and active from pH 3 to 8, and is often used in conjunction with other additives (e.g., EDTA or its salts, Quaternium-15, Diazolidinyl Urea, Propylparaben) for synergistic effects. In personal care products, CoSept M and CoSept P have typically been used in combination (0.2% Methylparaben and 0.1% Propylparaben, with levels adjusted to specific circumstances). CoSept M has limited solubility in water, so presolubilization can reduce dissolution time and therefore batching time. The preference for parabens continues due to their 50-year history of safety and reliability.

CoSept M complies with the following regulations for Methylparaben based on the ICH harmonization: USP/NF, FCC, BP, EP, and JP.

Features & Benefits:

- Bactericidal Agent
- Fungicidal Agent

Appearance	White Crystalline powder
Assay / Active Content (%)	98.0 - 102.0
IR Identification	Meets NF requirement
Melting Range (°C)	125 - 128
Color of Solution	Meets NF requirement
Acidity	Meets NF requirement

Residue on Ignition (%)	0.1 maximum
Residual Solvents	3000 ppm Methanol maximum
Related Substances	Meets NF requirement
Soluble In	Acetone Alcohol [Ethanol] Cosmetic Esters Ether Glycerin (hot) Propylene Glycol Water (hot)
Toxicology Profile	CIR Expert Panel: The CIR Expert Panel found Methylparaben to be safe at up to 25% in present practices of use. See J. Amer. Coll. Toxicol. (JACT) 3(5): 147-209 (1984) for more information. The EC Scientific Committee on Consumer Products concluded that it may be used at up to 0.4%. See SCCP/0873/05 Extended Opinion on the Safety Evaluation of Parabens.
Packaging	Bag - 50lbs Carton - 55.116lbs

Regional Approvals:

US

Applications:

- After Sun Skin Care
- Bath Additives
- Beach Wear Sun Care
- Cleansing Wipes
- Daily Wear Sun Care
- Eye Area Color Cosmetics
- Facial Cleansers
- Facial Color Cosmetics
- Facial Skin Care
- Foot Care
- Hair Colorants
- Hair Conditioners
- Hand & Body Care
- Lip Care
- Nail Care

- Oral care preparations
- Self-Tanners
- Shaving Products
- Styling Aids

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