

CoSept™ P

INCI Name: PROPYLPAPABEN

Product Code: 0338

CAS #: 94-13-3

EINECS: 224-208-8

Brand: CoSept™

CoSept P is an odorless, extra fine, white powder 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 fungistatic agent at low concentrations 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, Methylparaben) 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 P has very limited solubility in water, so presolubilization can reduce dissolution time and therefore batching time. The preference for parabens continues due to their 50+ years history of safety and reliability.

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

Features & Benefits:

- Fungicidal Agent
- Product Preservative

Appearance	White crystalline powder
Assay / Active Content (%)	98.0 - 102.0
IR Identification	Meets NF requirement
Melting Range (°C)	96 - 99
Color of Solution	Meets NF requirement
Acidity	Meets NF requirement

Residue on Ignition (%)	0.1 maximum
Residual Solvents	0.5% maximum as Loss on Drying
Related Substances	Meets NF requirement
Insoluble In	Glycerin Water
Soluble In	Acetone Alcohol [Ethanol] Ether Propylene Glycol
Toxicology Profile	CIR Expert Panel: The CIR Expert Panel found Propylparaben 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.
Packaging	Carton - 25kgs

Regional Approvals:

US

Applications:

- After Sun Skin Care
- Bath Additives
- Beach Wear Sun Care
- 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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