

PARABEN SALTS

Preservatives For Focused Protection



Paraben Salts exhibit the same antimicrobial activity as regular Parabens. They are characterized by their high solubility in cold water and are extremely effective preservatives regularly used in hair styling gels, hair care products, toothpaste and oral care products.

Paraben Salts can be particularly useful when the heating of an aqueous system is undesirable. Typical use concentrations are 0.1 to 0.3%, but due to the salts' increase in molecular weight it is often necessary to use a slightly higher concentration of Paraben Salts compared to regular Parabens.

With high water solubility, Parabens Salts can be used in aqueous products that cannot be heated. When using the Paraben Salts for products that are heated, the heating stage must be performed before the inclusion of the Paraben Salt to avoid the possibility of hydrolysis of the Paraben ester. Sharon Labs experts can give you precise instructions for the best results.

SOLUBILITY OF PARABEN SALTS WITHIN VARIOUS SOLVENTS. ALL RESULTS IN GR/100 ML AT 25°C

Solvent	Sodium Methylparaben	Sodium Propylparaben
Water	80	100
Ethanol 100%	2	2
Ethanol 50%	30	50
Propylene Glycol	25	40
Glycerine	50	50

INCI

Sodium Methylparaben
Sodium Ethylparaben
Sodium Propylparaben

CAS

5026-62-0
35285-68-8
35285-69-9

Appearance

White, dry powder

Solubility

Highly soluble in cold water