

Sodium Dehydroacetate



INCI Name: Sodium Dehydroacetate

CAS Numbers: 4418-26-2

Description:

Sodium Dehydroacetate is a compound with the formula $\text{Na}(\text{CH}_3\text{C}_5\text{HO}(\text{O}_2)(\text{CH}_3)\text{CO})$. Sodium Dehydroacetate is the sodium salt of dehydroacetic acid. Sodium Dehydroacetate is a tasteless and white powder. It is soluble in water and propylene glycol. It is used as a fungicide and plasticizer in toothpaste and pharmaceuticals. Sodium Dehydroacetate is an antimicrobial ingredient, which can be used as a preservative.

Technical Data:

TEST	SPECIFICATIONS	
	MIN	MAX
Description	Fine white crystalline powder	
Alkalinity, %		0.3
Heavy Metals (As Pb), ppm		10
Arsenic (as As), ppm		3
Chloride (as Cl), %		0.11
Purity, %	98	100.5
Water, %	8.5	10

Applications

Sodium Dehydroacetate is used in lotions, eye shadow products, bar soap products, toothpaste products, depilatory products, shampoos, body wash/cleanser products, liquid hand soap products, foundation products, mascara products, concealers, hair color and bleaching products, sunscreens, skin fading/lightener products, moisturizers, anti-aging products, foams, conditioners, toners, astringents, creams, hair sprays, shampoos, exfoliants, and scrubs.



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