

# TECHNICAL DATA SHEET

## ParbFree® DHN (Sodium Dehydroacetate)

**Product No.:** 15002700

ParbFree® DHN is Sodium Dehydroacetate, it's an approved preservative for cosmetics. It has functions as below:

- Inhibit the growth of microorganisms and prevent product deterioration
- Strong antifungal effect and broad-spectrum antibacterial property.

Therefore, ParbFree® DHN can be recommended to use functions of antiseptic and antibacterial in cosmetics.

### Composition:

**INCI Name:** Sodium Dehydroacetate

**CAS No.:** 4418-26-2

**EC No.:** 224-580-1

### Specification:

Items	Specification
Appearance	White powder
Purity	98.0 - 100.5%
Water	8.5 - 10.0%
Chloride (as Cl)	0.011% max
Alkalinity (%)	Qualified
Heavy Metals (as Pb)	10ppm max
Arsenic (as As)	3ppm max

### Application:

Used in wipes, baby care, rinse-off and leave-on products.

### Recommended Dosage:

Version:2.0

Revision date: 2023.03.15

Maximum allowable concentration of cosmetics: total 0.6% (as acid) (Comply with Safety and Technical Standards for Cosmetics)

### Usage:

Add in the post-production stage at low temperature.

Water solubility, can be pre-dissolved with appropriate amount of water in advance.

### Storage:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

### Shelf life:

2 years

### Package:

25Kg/Carton box

### Version information:

Version 2.0: Use new template.

Issued by: *Lilia* Inspector *Lily Wang* Issued Date: Mar. 15, 2023