

Zley® Caprylhydroxamic acid

Basic Information

- INCI: Caprylhydroxamic acid
- CAS: 7377-03-9
- Main component: Caprylhydroxamic acid
- Suggested usage amount: 0.05-0.15%
- Recommended usage way: It can be used in emulsification system, anhydrous formula and surfactant washing system, such as cream, lotion, bath lotion, shampoo and make-up. After being dissolved in diol or propylene glycol or glycerol, it can be added at normal temperature or high temperature as O/W milk and cream and can also be added after emulsification of the system.

Product Description

Caprylhydroxamic acid is an ideal organic acid with excellent antibacterial and bacteriostatic properties at neutral pH value, and can be used in formula systems without chemical preservatives. Caprylhydroxamic acid is an organic acid that remains free of ionization from acidic to neutral, and is the best bacteriostatic organic acid. It has high-efficiency chelating effect, which inhibits the active elements needed by mold and limits the environment needed for microbial growth. Caprylhydroxamic acid and most of the raw materials are facultative and are not affected by surfactants, proteins and other raw materials in the system. They can be compounded with preservatives such as alcohols and diols. It can be added under normal temperature and high temperature environment and widely used in gel, essence, lotion, cream, shampoo, bath cream and other skin care and hair care products.

Technical Indicators

Inspection items	Technical index
Appearance	white or almost white
Clarity and colour of solution	when freshly prepared, is clear and colourless
Melting point (°C)	78.0~82.0°C
Loss on drying (%)	Not more than 0.50%
Chloride (%)	Not more than 0.05%
Residue on ignition (%)	Not more than 0.10%
Total impurities (%)	Not more than 1.00%
Contents (HPLC, %)	Not less than 99.0%

Product Usage:

It is mainly used as preservatives in cosmetics and skin care products.

Packaging and Storage

- Packaging: aluminum film bag (lined with polyethylene plastic bag); 1kg/bag.
- Storage: Please store it in a cool and dry place and the shelf life is 2 years.

Manufacturer : 陕西畅想制药有限公司 SHA ANXI C-THINK PHARM Co.,Ltd.

渭南畅通药化科技有限公司 WEINAN CHANGTONG P-technology Co.,Ltd.

Consulting Hotline : 18626205929

400-092-8866 extension 2



Disposal

Although this product has almost no pollution to the environment, it is best not to discard it together with domestic garbage. Please contact the local environmental protection department for dealing with the product and container and dispose according to the common chemical treatment method. Do not pour large quantities of products into the groundwater system.

Transport Conditions

Check whether the packaging container is complete and sealed, and keep it away from power supply, fire source and other parts during transportation. This product does not belong to hazardous goods or mixtures and can be transported according as general cargo.



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