

Technical Data Sheet

ZLEY®BIOCARE-CHA

Basic Information:

- INCI: Caprylhydroxamic acid
- CAS No.:7377-03-9
- Main component: N-hydroxyoctanamide
- Suggested usage amount: 0.05 - 0.2%
- It can be used in emulsifying system, anhydrous formulation and surfactant washing system, such as cream, lotion, body wash, shampoo and makeup, etc. After dissolved in diols or propylene glycol, It can be added at room temperature, as well as at high temperature. When making O/W milk, creams, it can also be add into after emulsifying.

Product Description:

Caprylhydroxamic acid is an perfect organic acid with excellent antibacterial and bacteriostatic properties at neutral pH value.

Technical Indicators:

Inspection Items	Technical Index
Appearance	white or off white crystalline powder
Melting Point	78.0~82.0
Clarity and colour of solution	when freshly prepared,is clear and colourless
LOD	NMT 0.50%
ROI	NMT 0.10%
Chloride	NMT 0.05%
Total Impurities	NMT 1.00%
Purity (HPLC)	NLT 98.0%

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 2years.

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.