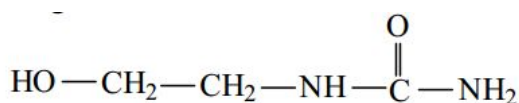


### Hydroxyethyl Urea

Hydroxyethyl Urea is a super cosmetics moisturizing agent which has a strong capacity for absorbing and holding water. It can improve the feeling after using cosmetics on the skin, reduce the adding amount of the skin feeling regulator and enhance the stability of the freeze-thaw cycle as well as produce a collaborative moisturizing effect;

Hydroxyethyl Urea is not sticky nor greasy and it is adaptable to a wide pH range. Experiments reveal that a better moisturizing effect would be achieved if HEU and glycerin are used together.



CAS No.: 1320-51-0

MW: 104.11

MF: C<sub>3</sub>H<sub>8</sub>N<sub>2</sub>O<sub>2</sub>

#### **Function:**

A super cosmetics moisturizing agent, has a strong capacity for absorbing and holding water;

Improve the skin feeling after using cosmetics, reduce the adding amount of skin feeling regulator;

Enhances the freezing resistance, promotes the system stability of emulsion products.

#### **Application:**

Moisturizing emollient. Mainly used for skin and hair products, suitable to lotion, gel, emulsion, cream etc.

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# N&R INDUSTRIES, INC

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**Spec sheet:**

Items	Specification
Appearance	Transparent liquid
Odor	Almost odorless
pH value	6.0-8.5
Solid content	45.0-55.0%
Total bacteria	< 100cfu/g
Heavy metals	< 10ppm
Arsenic	< 2ppm

**Usage:**5.0-50.0%,usually5.0-10.0%.

**Adding method:**Puts into the aqueous phase directly, resists high temperature, can involve in homogenizingprocess.

**Package:** 160.0kg /plastic drum

**Storage:** Stored in sealed receptacles at room temperature, away from the light. Two-year validity.

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