

Urea USP

Specification Sheet

Description: USP Grade (99.8% pure). Urea is a derivative from proteins, appears in urine, pH 7.2. Whitish crystalline powder or granules, slight ammoniacal odor. Soluble in water; only partly soluble in glycerin (500 g/L in glycerin) and alcohols (10 g/L in 95% alcohol, 167 g/L in methanol), Synonyms: carbamide (resin), carbamimidic acid, ureaphil, carbonyl diamide.

CAS: 57-13-6

INCI Name: Urea

Benefits:

- Excellent moisturizer and humectant
- Replenishes natural urea content in skin after cleansing (avoids dryness)
- Keratolytic properties (skin-exfoliating) at higher concentrations
- Has purifying and deodorizing effects

Use: Add to the water phase of the formulas, typical use level 2-15% in emulsions. For external use only.

Applications: Creams, lotions, sun care products, after-sun lotions, abrasive creams, cleansing products including shampoos & body washes.

Country of Origin: USA

Raw material source: Ammonia and carbon dioxide

Manufacture: Urea is produced from synthetic ammonia and carbon dioxide. The resulting urea is then separated from unchanged ammonium carbamate.

Animal Testing: Not animal tested

GMO: GMO free (does not contain plant-derived components)

Vegan: Does not contain animal-derived components