

Urea

FACT SHEET

Description: Cosmetic USP Grade (99.8% pure). Urea is a derivative from proteins, appears in urine, pH 7.2. White crystalline powder, slight ammoniacal odor. Soluble in water, oils & alcohols. Synonyms: carbamide (resin), carbamimidic acid, ureaphil, carbonyl diamide. CAS# 57-13-6.

INCI Name: Urea.

Properties: Excellent moisturizer & humectant, replenishes natural urea content in skin after cleansing (avoids dryness), keratolytic properties (skin-exfoliating), antiseptic & deodorizing effects.

Use: Can be added to formulas as is, typical final concentration 5-15%.

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