



**CHEMICAL NAME:** Ultra Pure Urea Cosmetic Grade (AR)

**MOLECULAR WEIGHT:** 60.06

**CAS NO.:** 57-13-6

**FORMULA:** CH<sub>4</sub>N<sub>2</sub>O

**PROPERTY:** It is white column shaped crystals or white powder. Melting point is 132.7°C (dissolve). It's soluble in water, ethanol and benzene, almost insoluble in aether and chloroform.

**SPECIFICATION:**

NO.	Item	Specification
1	Content	99.0% min
2	Water insoluble	0.005% max
3	Ignition residue (SO <sub>4</sub> )	0.01% max
4	Cl	0.0003% max
5	SO <sub>4</sub>	0.001% max
6	NH <sub>4</sub>	0.005% max
7	Fe	0.0002% max
8	Heavy Metals (Pb)	0.0002% max
9	Biuret (C <sub>2</sub> H <sub>5</sub> N <sub>3</sub> O <sub>2</sub> )	0.2% max
10	Clarity test	Conformity

**APPLICATION:** Mainly used for moisturizing ingredients added in skin care products.

**PACKAGE:** Packed in 25kg kraft bag or 20kg plastic bucket.

