



## Specifications for Urea

| Parameter                      | Value                            |
|--------------------------------|----------------------------------|
| Molecular Formula              | CH <sub>4</sub> N <sub>2</sub> O |
| Mol Wt                         | 60.06                            |
| CAS #                          | [57-13-6]                        |
| Description                    | White free flowing powder        |
| MP in deg cel                  | 132 - 135                        |
| Total Nitrogen (wt % N) on dry | 46 min                           |
| Moisture (%)                   | 1.0 max                          |
| Biuret (%)                     | 1.5 max                          |

## Uses

| Industry                  | Application   |
|---------------------------|---|
| Fertilizer                | As nitrogenous fertilizer                                 |
| Process and Manufacturing | In mfr of various dyestuffs, pigments and pharmaceuticals |
| Food                      | Also as cattle-feed                                       |