

**Product: Cyclohexanone (CYC)**

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## Technical Data Sheet

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| Property        | Unit | Specification    | Test Method |
|-----------------|------|------------------|-------------|
| Appearance      |      | Bright and Clear | Visual      |
| Purity          | Wt % | Min 99.80        | GC          |
| Color (Pt - Co) |      | Max 10           | ASTM D1209  |
| Distillation    | °C   |                  | ASTM D850   |
| - IBP           |      | Min 152.0        |             |
| - DP            |      | Max 160.0        |             |
| Water Content   | Wt % | Max 0.100        | ASTM E1064  |

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### Description

Cyclohexanone (CYC) also known as Anone, is a water-white coloured liquid and has an acetone and peppermint-like odour. It is sparingly soluble in water and miscible with most solvents.

### Caprolactum Manufacture

CYC is mainly used in organic synthesis in adipic acid and caprolactum production.

### Coatings Industry

CYC is used as an additive in the surface coatings industry, as a solvent in nitrocellulose resins, spray lacquers, quick-drying lacquers, varnishes, enamels, thinner formulations etc.

### Pesticides Manufacture

CYC is used as a carrier in the liquid pesticides' formulations.

### Other Applications

Adhesives, magnetic tapes, degreasers, solvents for PVC, synthesis resins, packaging, textile etc.

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