

Technical Data Sheet — Acetone 99.9%

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1. Product Identification

Chemical name: Acetone (Propan-2-one, Dimethyl ketone)

CAS No.: 67-64-1

EC No.: 200-662-2

Formula: C₃H₆O

Molecular weight: 58.08 g/mol

UN No.: 1090 · ADR Class: 3 · Packing Group: II

2. Specifications

Purity: ≥ 99.9% (GC)

Water content: ≤ 0.3%

Density (20°C): 0.790–0.793 g/cm³

Refractive index (20°C): 1.358–1.359

Acidity (as acetic acid): ≤ 0.002%

Color (Pt-Co): ≤ 10

Appearance: Clear, colorless liquid

3. Applications

Industrial solvent for resins, paints, varnishes, adhesives. Cleaning of metal and electronic parts.

Pharmaceutical and cosmetic synthesis. Production of MMA, bisphenol A, MIBK. Laboratory reagent.

4. Packaging

200 L galvanized steel drums · 1000 L IBC · ISO tank (24 t) bulk. MOQ: 200 kg.

5. Storage & Handling

Store in tightly closed containers in a cool, well-ventilated area away from heat sources, sparks and oxidizing agents. Ground all equipment. Use explosion-proof electrical equipment. Shelf life: 24 months from production date.

6. Hazard Identification

GHS: GHS02, GHS07 - Signal word: DANGER

H225 Highly flammable liquid and vapour

H319 Causes serious eye irritation

H336 May cause drowsiness or dizziness

EUH066 Repeated exposure may cause skin dryness or cracking

7. Contact

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