

Acetone

Grade: USP



M=58.08 g/mol

1L=0.79 kg

Specification

Purity (Gc).....	≥99.5%
Identity.....	conforms
Appearance of solution.....	Conforms
Acidity or alkalinity.....	Conforms
Water.....	≤0.3%
Density	
- d 20 /20°C.....	0.720-0.793 g/cm ³
- d 25/25°C.....	≤0.789
Reducing substances.....	confirms
Methanol (Gc).....	≤0.1%
Melting point.....	-95.4°C
Boiling point	56.2°C

Technical data

- CAS-No.67-64-1
- EC-No.200-662-2
- Vapour pressure 233 hpa(20°C)
- Spec. density 0.79 g/cm³(20°C)
- Explosive limit 2.6-13 Vol%
- Flash point < -20°C c.c
- Solub. in H₂O (20°C) soluble
- PH value 5-6(395 g/l, H₂O)
- Ignition temp. 465°C
- Highly flammable , irritant
- R 11-36-66-67
- S 9-16-26
- RTECS AL3150000
- Poison class (CH) 5
- WGK 1
- LD 50 oral rat 5800 mg/kg
- LD 50 dermal rabbit 20000 mg/kg
- EC-index-No. 606-001-00-8
- HS-No.2914 11 00
- LGK 3 A
- Pack.-cat. A
- Disposal 1
- Road/Rail 3/F 1 ll
- IMDG-Code 3/ ll UN 1090
- IATA-DGR UN 1090 CAO 307 PAX 305
- Merckblatt BG Chemie Nr. M004,M051,M017
- Beilstein 1,l 335 ,ll 692, ll 2696, IV 3180
- Fieser 6 ,9
- Kühn-Birett A003
- Merck FT-IR 272
- Merck –Index 10,58
- SAX 6, 89

Guidelines of usage & storage

- Highly flammable
- Irritating of eyes
- Repeated exposure may cause skin dryness or cracking
- Vapours may cause drowsiness and dizziness
- Keep container in a well-ventilated place.
- Keep away from food and drink.
- Keep away from sources of ignition.
- No smoking
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice .
- Always keep the door tightly closed.

Symbol



Packaging

Glass Bottles

1	Liter
2.5	Liter

Plastic Bottles

1	Liter
2.5	Liter

Plastic Gallon

5	Liter
10	Liter
20	Liter

Bulk
Inquire