

ACETONE FOR HPLC & SPECTROSCOPY

PRODUCT CODE 700380

SYNONYMS 2-Propanone, Dimethylketone

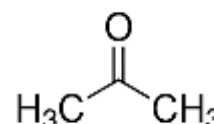
C.I. NO. N/A

CASR NO. 67-64-1

ATOMIC OR MOLECULAR FORMULA C₃H₆O

ATOMIC OR MOLECULAR WEIGHT 58.08

PROPERTIES --



PARAMETER **LIMIT**

Description A clear colourless liquid with characteristic odour

Solubility 50% solution in water is clear & colourless

Minimum assay (By GC) 99.8%

Wt. per ml at 20°C 0.789 - 0.791 g

Refractive Index(n)_D²⁰ 1.358 - 1.360

MAXIMUM LIMIT OF IMPURITIES

Acidity(CH₃COOH) 0.002%

Water (H₂O) 0.5%

Non volatile matter 0.0005%

Maximum absorbance in a 1.0 cell at:

330 nm (UV cut-off) 1.0

350 nm 0.1

360 nm 0.01

Note(s) : 1] Assay (if applicable) method mentioned.

WARNING

HAZARD STATEMENTS : May cause respiratory irritation. Flammable liquid and vapour. Harmful if swallowed. Causes mild skin irritation. Causes eye irritation.

PRECAUTIONARY STATEMENTS :

Prevention : Ground/bond container and receiving equipment. Use only nonsparking tools. Take precautionary Measures against static discharge. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Wear protective gloves and eye/face protection.

Response : If eye irritation persists, get medical advice/attention. If skin irritation occurs, seek medical advice/attention. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment: refer to Label or MSDS. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. In case of fire, use foam for extinction.

Disposal : Allow to evaporate in safe open area (applicable for small quantities). The chemical should be burnt in a chemical incinerator equipped with burner and scrubber. If the volumes are larger than 500ml and no incinerator and site of evaporation is not available then transfer the waste chemical to waste solvent drum for collection by specialist disposal company.

Hazard Pictogram(s) :



GHS07



GHS02

IMDG Code : 3/II
UN No. : 1090
IATA : 3

Replace Date 01-Nov-2025