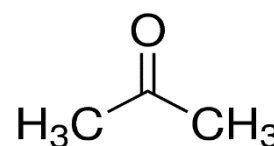


ACETONE AR/ACS MEETS ANALYTICAL SPECIFICATION OF BP, USP, PH, EUR

PRODUCT CODE	450320
SYNONYMS	2-propanone, Dimethylketone
C.I. NO.	N/A
CASR NO.	67-64-1
ATOMIC OR MOLECULARFORMULA	CH₃COCH₃
ATOMIC OR MOLECULARWEIGHT	58.08
PROPERTIES	--



PARAMETER	LIMIT
Description	A clear and colourless liquid having characteristic odour
Solubility	Miscible with water & methanol forming a clear & colourless solution
Minimum assay (By GC)	99.5%
Wt. per ml at 20°C	0.789 - 0.792 g
Refractive index (n) _D ²⁰	1.358 - 1.360

MAXIMUM LIMIT OF IMPURITIES

Colour	10 HU
Water (KF)	0.5%
Non volatile matter	0.001%
Acidity(CH ₃ COOH)	0.002%
Alkanity(NH ₃)	0.0005%
Aldehyde(HCHO)	0.002%
Aluminium(Al)	0.00001%
Barium(Ba)	0.000005%
Cadmium(Cd)	0.000005%
Calcium(Ca)	0.00005%
Chromium(Cr)	0.000002%
Cobalt(Co)	0.000002%
Copper(Cu)	0.000002%
Iron(Fe)	0.00002%
Lead(Pb)	0.000005%
Magnesium(Mg)	0.00001%
Manganese(Mn)	0.000002%
Nickel(Ni)	0.000002%
Strontium (Sr)	0.000002%
Zinc(Zn)	0.00005%
Potassium(K)	0.00001%
Sodium(Na)	0.0001%
Substance reducing permanganate (O)	0.0002%
Benzene content (C ₆ H ₆)	0.0002% v/v
Propan-2-ol	0.05% v/v
Methanol	0.05% v/v
Related subs. (any other impurity)	0.05% v/v



Product Specification

cdhfinechemical.com

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.

IMDG Code : 3/II

UN No. : 1090

IATA : 3

Hazard Pictogram(s) :



GHS07



GHS02

Replace Date 11-July-2023