

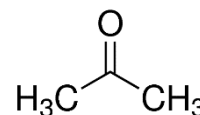


Product Specification

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ACETONE EL GRADE

PRODUCT CODE	700330
SYNONYMS	2-Propanone, Dimethylketone
C.I. NO.	N/A
CASR NO.	67-64-1
ATOMIC OR MOLECULAR FORMULA	CH₃COCH₃
ATOMIC OR MOLECULAR WEIGHT	58.08
PROPERTIES	--
PARAMETER	LIMIT
Description	A clear liquid not more than 10 Hazen units in colour
Solubility	Miscible with water & methanol forming a clear & colourless solution
Minimum assay (By GC)	99.8%
Wt. per ml at 20°C	0.789 - 0.791 g
Refractive index (n) ²⁰ _D	1.358 - 1.360
Boiling Range(within 0.5° including 56.2°C)	Min 95.0%
MAXIMUM LIMIT OF IMPURITIES	
Water (H ₂ O)	0.1%
Non volatile matter	5 ppm
Acidity(CH ₃ COOH)	20 ppm
Alkanity(NH ₃)	2 ppm
Aldehyde(HCHO)	10 ppm
Chloride(Cl)	0.5 ppm
Sulphate(SO ₄)	1 ppm
Aluminium(Al)	0.05 ppm
Barium(Ba)	0.005 ppm
Cadmium(Cd)	0.005 ppm
Calcium(Ca)	0.05 ppm
Chromium(Cr)	0.005 ppm
Cobalt(Co)	0.005 ppm
Copper(Cu)	0.005 ppm
Iron(Fe)	0.02 ppm
Lead(Pb)	0.005 ppm
Magnesium(Mg)	0.005 ppm
Manganese(Mn)	0.005 ppm
Mercury(Hg)	0.002 ppm
Molybdenum(Mo)	0.005 ppm
Nickel(Ni)	0.005 ppm
Strontium (Sr)	0.005 ppm
Zinc(Zn)	0.01 ppm
Potassium(K)	0.02 ppm
Sodium(Na)	0.05 ppm
Substance reducing permanganate (O)	2 ppm





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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 30-July-2018