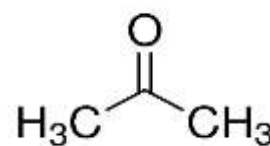


ACETONE VLSI SEMICONDUCTOR GRADE

PRODUCT CODE	700455
SYNONYMS	2-propanone, Dimethylketone
C.I. NO.	N/A
CASR NO.	67-64-1
ATOMIC OR MOLECULAR FORMULA	CH ₃ COCH ₃
ATOMIC OR MOLECULAR WEIGHT	58.08
PROPERTIES	--



PARAMETER	LIMIT
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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
Boiling range	55-56°C
Refractive index (n) _D ²⁰	1.358-1.360

MAXIMUM LIMIT OF IMPURITIES

Particles > 0.5 µm	250 P/ml
Non Volatile Matter	0.0005%
Water (KF)	0.2%
Chloride (Cl)	0.00001%
Sulphate (SO ₄)	0.0001%
Acidity (CH ₃ COOH)	0.002%
Aldehydes (as HCHO)	0.001%
Aluminium (Al)	0.05ppm
Antimony (Sb)	0.01ppm
Arsenic (As)	0.01ppm
Barium (Ba)	0.02ppm
Bismuth (Bi)	0.02 ppm
Boron (B)	0.01ppm
Beryllium (Be)	0.01ppm
Calcium (Ca)	0.05ppm
Cadmium (Cd)	0.01ppm
Chromium (Cr)	0.01ppm
Cobalt (Co)	0.01ppm
Copper (Cu)	0.01ppm
Ethanol (GC)	0.01%
Free alkali (as NH ₃)	0.0002%
Gallium (Ga)	0.01ppm
Gold (Au)	0.02ppm
Indium (In)	0.01ppm
Iron (Fe)	0.05ppm
Lead (Pb)	0.01ppm



Product Specification

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Lithium (Li)	0.01ppm
Magnesium (Mg)	0.02ppm
Manganese (Mn)	0.01ppm
Methanol (GC)	0.05%
Molybdenum (Mo)	0.01ppm
Nickel (Ni)	0.01ppm
Platinum (Pt)	0.02ppm
Potassium (K)	0.02ppm
Silver (Ag)	0.01ppm
Sodium (Na)	0.05ppm
Strontium (Sr)	0.01ppm
Substances reducing KMnO ₄	0.0002%
Thallium (Tl)	0.01ppm
Tin (Sn)	0.02ppm
Titanium (Ti)	0.01ppm
Vanadium (V)	0.01ppm
Zinc (Zn)	0.02ppm
Zirconium (Zr)	0.01ppm

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