



Product Specification

ISO BUTYL METHYL KETONE FOR HPLC & SPECTROSCOPY

PRODUCT CODE	747000
SYNONYMS	4-methylpentan-2-one
C.I. NO.	N/A
CASR NO.	108-10-1
ATOMIC OR MOLECULAR FORMULA	C ₆ H ₁₂ O
ATOMIC OR MOLECULAR WEIGHT	100.16
PROPERTIES	--



PARAMETER	LIMIT
Description	Colourless liquid.
Solubility	1.7% soluble in water. Soluble in alcohol.
Minimum assay (GC)	99.5%

MAXIMUM LIMIT OF IMPURITIES

Water (KF)	0.05%
Residue on Evaporation	0.001%
UV Absorbance 400 nm	0.01
UV Absorbance 380 nm	0.02
UV Absorbance 360 nm	0.15
UV Absorbance 340 nm	0.5
UV Absorbance 335 nm	1.0

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

DANGER

HAZARD STATEMENTS: May cause respiratory irritation. Highly flammable liquid and vapour. Harmful if inhaled. Harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation.

PRECAUTIONARY STATEMENTS :

Prevention : Do not eat, drink or smoke when using this product. Ground/bond container and receiving equipment. Use only non-sparking tools. Wash hands thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Wear protective gloves and eye/face protection. Keep container tightly closed. Keep away from heat/sparks/open flame - No smoking. Use explosion-proof electrical/ventilating/lighting/equipment. Take precautionary measures against static discharge.

Response : IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. 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. Call a POISON CENTER or doctor/physician if you feel unwell. In case of fire, use foam for extinction. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. If eye irritation persists, get medical advice/attention. Wear eye/face protection. Specific treatment: refer to Label or MSDS.

Disposal: --

IMDG Code : --
UN No. : --
IATA : --

Hazard Pictogram(s) :--



Skin irritation Flammable liquids