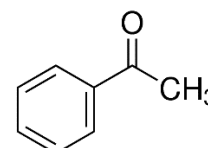


## ACETOPHENONE AR

<b>PRODUCT CODE</b>	451005
<b>SYNONYMS</b>	Methyl phenyl ketone
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	(98-86-2)
<b>ATOMIC OR MOLECULAR FORMULA</b>	C <sub>6</sub> H <sub>5</sub> .CO.CH <sub>3</sub>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	120.15
<b>PROPERTIES</b>	Combustible, forms laminar crystals at low temp (<18°C). Sweet pungent odour and taste.



PARAMETER	LIMIT
Description	Colorless to light yellow liquid or semi-solid.
Solubility	Miscible with methanol forming clear solution.
Minimum assay (By GC)	99.0%
Freezing point	18-20°C
Wt. pr ml at 20°C	1.025-1.027 g
Refractive Index(n) <sub>20</sub> <sup>o</sup>	1.533-1.534
Boiling Range	202-203°C

### MAXIMUM LIMIT OF IMPURITIES

Water (KF)	0.3%
Non-Volatile Matter	0.01%
Acidity (C <sub>6</sub> H <sub>5</sub> COOH)	0.02%
Iron (Fe)	0.00005%
Heavy metals (Pb)	0.00001%

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

### WARNING

**Hazard statements :** May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.

### Precautionary statements

**Prevention:** Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. 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. If eye irritation persists: Get medical advice/attention.

**Disposal:** Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.

IMDG Code : 9/III  
UN No. : 3334  
IATA : 9

### Hazard Pictogram(s) :



GHS07

Replace Date 01-Mar.-2025