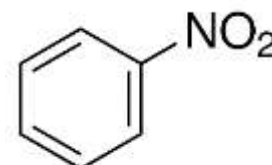


## NITRO BENZENE AR/ACS

<b>PRODUCT CODE</b>	595135
<b>SYNONYMS</b>	N/A
<b>C.I. NO.</b>	N/A
<b>CASR NO.</b>	98-95-3
<b>ATOMIC OR MOLECULAR FORMULA</b>	C <sub>6</sub> H <sub>5</sub> .NO <sub>2</sub>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	123.11
<b>PROPERTIES</b>	Combustible, Colour darkens on storage.



PARAMETER	LIMIT
Description	Pale yellow to yellow coloured clear liquid.
Solubility	Miscible in methanol forming clear solution.
Minimum assay (By GC)	99.0%
Wt. per ml at 20°C	1.201 - 1.203 g
Freezing Point	Not below 5.3°C
Refractive Index (n) <sub>D</sub> <sup>20</sup>	1.552 - 1.553
Boiling Point	208-212°C

### MAXIMUM LIMIT OF IMPURITIES

Water	0.15%
Acidity (HNO <sub>3</sub> )	0.003%
Chloride (Cl)	0.0002%
Iron (Fe)	0.0001%
Lead (Pb)	0.00005%

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

<p><b>DANGER</b></p> <p><b>Hazard statements</b> : Toxic if inhaled. Toxic in contact with skin. Toxic if swallowed. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects</p> <p><b>Precautionary statements</b></p> <p><b>Prevention</b> : Do not breathe dust/fume/gas/mist/vapours/spray. Wear protective gloves/clothing Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.</p> <p><b>Response</b> : Get medical advice/attention if you feel unwell. Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Gently wash with plenty of soap and water. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Keep container tightly closed. Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. Wash/Decontaminate removed clothing before reuse. Remove/Take off immediately all contaminated clothing</p> <p><b>Disposal</b>: Dispose of contents and container in accordance with relevant legislation.</p>	<p>IMDG Code : 6.1/II</p> <p>UN No. : 1662</p> <p>IATA : 6.1</p>
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### Hazard Pictogram(s) :



GHS06



GHS08

Replace Date 05-June-2026