

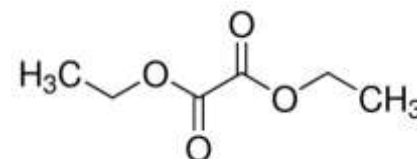


# Product Specification

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## DIETHYL OXALATE AR

<b>PRODUCT CODE</b>	<b>511455</b>
<b>SYNONYMS</b>	<b>Ethyl oxalate; Oxalic acid ethylester</b>
<b>C.I. NO.</b>	<b>N/A</b>
<b>CASR NO.</b>	<b>95-92-1</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>6</sub>H<sub>10</sub>O<sub>4</sub></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>146.14</b>
<b>PROPERTIES</b>	<b>Combustible</b>



<b>PARAMETER</b>	<b>LIMIT</b>
Description	Clear colourless liquid.
Solubility	Miscible in alcohol.
Minimum assay (By GC)	99.0%
Wt. per ml at 20°C	1.075 - 1.080 g
Refractive Index(n) <sub>D</sub> <sup>20</sup>	1.409 - 1.411
Boiling range	182-186°C

### MAXIMUM LIMIT OR IMPURITIES

Non volatile matter	0.05%
Acidity (H <sub>2</sub> C <sub>2</sub> O <sub>4</sub> )	0.1%
Water (KF)	0.1%

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

### WARNING

**HAZARD STATEMENTS :** May cause respiratory irritation. Combustible Liquid. Harmful if swallowed. Harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. Suspected of damaging fertility.

### PRECAUTIONARY STATEMENTS :

**Prevention :** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required.

**Response :** IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. 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. IF exposed or concerned: Get medical advice/attention. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse.

**Disposal :** 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 : 6.1/III  
UN No. : 2525  
IATA : 6.1

Hazard Pictogram(s) :



GHS07



GHS08