



## ETHYLENE GLYCOL MONO METHYL ETHER FOR SYNTHESIS

<b>PRODUCT CODE</b>	<b>R09317</b>
<b>SYNONYMS</b>	<b>(2-Methoxyethanol)</b>
<b>C.I. NO.</b>	<b>N/A</b>
<b>CASR NO.</b>	<b>109-86-4</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>CH<sub>3</sub>OCH<sub>2</sub>CH<sub>2</sub>OH</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>76.10</b>
<b>PROPERTIES</b>	<b>Combustible.</b>
<b>PARAMETER</b>	<b>LIMIT</b>
Description	A clear liquid, not more than 10 Hazen units in colour.
Solubility	Miscible with water forming a clear & colourless solution.
Minimum assay(By GC)	99.0%
Wt.per ml at 20°C	0.963 - 0.965 g
Boiling Range (123 - 125°C)	Min. 95.0%
Refractive Index (n) <sub>D</sub> <sup>20</sup>	1.401-1.403
<b>MAXIMUM LIMIT OF IMPURITY</b>	
Water (H <sub>2</sub> O)	0.2%

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

### DANGER

**HAZARD STATEMENTS :** May cause respiratory irritation. Flammable liquid and vapour. Harmful if inhaled. Harmful in contact with skin. Harmful if swallowed. Causes mild skin irritation. Causes eye irritation. May damage fertility. May damage the unborn child.

### PRECAUTIONARY STATEMENTS :

**Prevention :** Wash hands thoroughly after handling. Ground/bond container and receiving equipment. Do not eat, drink or smoke when using this product. Do not handle until all safety precautions have been read and understood. Wear protective gloves/clothing. Use only outdoors or in a well ventilated area. Obtain special instructions before use. Avoid breathing dust/fume/gas/mist/vapours/spray. Keep container tightly closed. Wear protective gloves and eye/face protection. Keep away from heat/sparks/open flame - No smoking. Use personal protective equipment as required. Take precautionary measures against static discharge. Use only non-sparking tools. Use explosion-proof electrical/ventilating/lighting/equipment.

**Response :** If skin irritation occurs, seek medical advice/attention. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If eye irritation persists, get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wash contaminated clothing before reuse. Specific treatment: refer to Label or MSDS. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. If exposed or concerned: Get medical attention advice. IF ON SKIN: Gently wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell.

IMDG Code :3/III  
UN No. :1188  
IATA 3

**Disposal: --**

**Hazard Pictogram(s) :-**



place Date 1 April 2023

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