

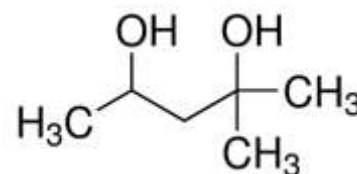


# Product Specification

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## HEXYLENE GLYCOL

<b>PRODUCT CODE</b>	<b>029243</b>
<b>SYNONYMS</b>	<b>2-METHYLPENTAN-2,4-DIOL LR (for Synthesis) (Meets analytical specification of USP-NF )</b>
<b>C.I. NO.</b>	<b>N/A</b>
<b>CASR NO.</b>	<b>107- 41- 5</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>6</sub>H<sub>14</sub>O<sub>2</sub></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>118.18</b>
<b>PROPERTIES</b>	<b>Combustible</b>



<b>PARAMETER</b>	<b>LIMIT</b>
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Description	A clear colourless liquid.
Solubility	Miscible with water.
Identification (By FTIR)	Conforms
Minimum assay (By GC)	99.0%
Wt. per ml at 20°C	0.917 - 0.923 g
Boiling Range (196 - 199°C)	Min. 95.0%
Refractive Index (n) <sub>D</sub> <sup>20</sup>	1.427-1.428

### MAXIMUM LIMIT OF IMPURITIES

Water	0.5%
Acidity	0.2 ml N/1%

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

### WARNING

**HAZARD STATEMENTS :** May cause drowsiness and dizziness. Combustible Liquid. May be harmful if swallowed. Causes skin irritation. Causes serious eye irritation.

### PRECAUTIONARY STATEMENTS :

**Prevention :** Keep away from flames and hot surfaces. Wash hands thoroughly after handling. Wash thoroughly after handling. Use explosion-proof electrical/ventilating/lighting/equipment.

**Response :** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. IF ON SKIN: Gently wash with plenty of soap and water. Wear eye/face protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If skin irritation occurs, seek medical advice/attention. In case of fire, use alcohol-type foam for extinction. In case of fire, use dry agent for extinction. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Wash/Decontaminate removed clothing before reuse. Remove/Take off immediately all contaminated clothing

**Disposal :** Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.

### Hazard Pictogram(s) :



GHS07

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