



## HEXYLENE GLYCOL

PRODUCT CODE	R09064
SYNONYMS	2-METHYLPENTAN-2,4-DIOL LR (for Synthesis) (Meets analytical specification of USP-NF )
C.I. NO.	N/A
CASR NO.	107- 41- 5
ATOMIC OR MOLECULAR FORMULA	C <sub>6</sub> H <sub>14</sub> O <sub>2</sub>
ATOMIC OR MOLECULAR WEIGHT	118.18
PROPERTIES	Combustible
<b>C<sub>6</sub>H<sub>14</sub>O<sub>2</sub></b>	
PARAMETER	LIMIT
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%
<b>Note(s) : Assay (if applicable) method mentioned.</b>	
<b>WARNING</b> <b>HAZARD STATEMENTS :</b> May cause drowsiness and dizziness. Combustible Liquid. May be harmful if swallowed. Causes skin irritation. Causes serious eye irritation. <b>PRECAUTIONARY STATEMENTS :</b> <b>Prevention :</b> Keep away from flames and hot surfaces. Wash hands thoroughly after handling. Wash thoroughly after handling. Use explosion-proof electrical/ventilating/lighting/equipment. <b>Response :</b> 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 <b>Disposal :</b> Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.	IMDG Code :-- UN No. :-- IATA :--
<b>Hazard Pictogram(s) :</b>	

Replace Date 1 April 2023

GHS05

GHS07

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