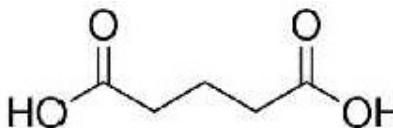



## GLUTARIC ACID FOR SYNTHESIS

<b>PRODUCT CODE</b>	<b>R09033</b>	
<b>SYNONYMS</b>	Pentanedioic acid	
<b>C.I. NO. CASR NO.</b>	--	
<b>ATOMIC OR MOLECULAR FORMULA</b>	HOOC (CH <sub>2</sub> ) <sub>3</sub> COOH	
<b>ATOMIC OR MOLECULAR WEIGHT</b>	132.11	
<b>PROPERTIES</b>		
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	White crystalline powder.	
Solubility	5% solution in water is clear to slightly hazy.	
Minimum assay(on dry basis)	98.5%	
Melting point	95 – 99°C	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Water content	0.5%	
Residue on ignition	0.1%	
<b>Note(s) : Assay (if applicable) method mentioned.</b>		
<b>DANGER</b>	<p><b>Hazard statements:</b> Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage. Harmful to terrestrial vertebrates.</p> <p><b>Precautionary statements</b></p> <p><b>Prevention:</b> Keep only in original container. Do not breathe dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.</p> <p><b>Response:</b> F SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. 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. Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.</p>	<p>IMDG Code : 8</p> <p>UN No. 3261</p> <p>IATA II</p>
<b>Disposal:---</b>		
Hazard Pictogram(s) :--	 <p>GHS05      GHS07</p>	

replace Date 1 April 2023

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