

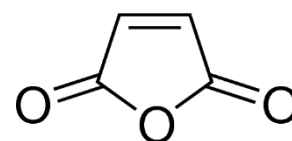


# Product Specification

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## MALEIC ANHYDRIDE FOR SYNTHESIS

<b>PRODUCT CODE</b>	<b>029125</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(108-31-6)</b>
<b>ATOMIC OR MOLECULARFORMULA</b>	<b>C<sub>4</sub>H<sub>2</sub>O<sub>3</sub></b>
<b>ATOMIC OR MOLECULARWEIGHT</b>	<b>98.06</b>
<b>PROPERTIES</b>	<b>Soluble in water, forming maleic acid.</b>



<b>PARAMETER</b>	<b>LIMIT</b>
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Description	White crystals or pellets.
Solubility	5% solution in water is clear and colourless.
Minimum Assay (Acidimetric)	97.0%
Melting Point	52 – 55°C

### MAXIMUM LIMIT OF IMPURITY

Sulphated Ash	0.05%
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**Note(s):** Assay (if applicable) method mentioned.

### DANGER

**Hazard statements :** Harmful if swallowed. May cause allergic or asthmatic symptoms or breathing difficulties if inhaled. May cause allergic skin reaction. May be corrosive to metals. Causes severe skin burns and eye damage

### Precautionary statements

**Prevention :** Do not eat, drink or smoke when using this product. In case of inadequate ventilation wear respiratory protection. Do not breathe dust or mist. Wash hands thoroughly after handling. Contaminated clothing should not be allowed out of the workplace. Avoid breathing dust/fume/gas /mist/vapours/spray. Wash thoroughly after handling. Wear protective gloves/clothing and eye/face protection.

**Response :** Wash contaminated clothing before reuse. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician. If skin irritation or rash occurs, seek medical advice/attention. IF INHALED: If breathing is difficult, 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 SWALLOWED: Rinse mouth. Do NOT induce vomiting. Specific treatment: refer to Label or MSDS. If on skin or hair: remove/ take off immediately all contaminated clothing. Rinse with water/shower. Absorb spillage to prevent material damage. IF ON SKIN: Gently wash with plenty of soap and water. Immediately call a POISON CENTER or doctor/physician. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

IMDG Code : 8/III  
UN No. : 2215  
IATA : 8

**Disposal:** Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :



GHS05



GHS08

Replace Date 14-oct-2020