



# Product Specification

cdhfinechemical.com

## MAGNESIUM TRISILICATE

<b>PRODUCT CODE</b>	<b>029122</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(39365-87-2)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>2MgO.3SiO<sub>2</sub>.xH<sub>2</sub>O</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>260.86 (Anhydrous)</b>
<b>PROPERTIES</b>	<b>Slightly hygroscopic powder.</b>

## 2MgO.3SiO<sub>2</sub>.xH<sub>2</sub>O

PARAMETER	LIMIT
Description	White to off white powder.
Solubility	Insoluble in water and alcohol. Decomposed by mineral acids.
Minimum Assay (Acidimetric; MgO) (Calculated with <a href="#">ref.to</a> ignited subs.)	29.0%
Minimum Assay (Gravimetric; SiO <sub>2</sub> )(Calculated with <a href="#">ref.to</a> ignited subs.)	65.0%

MAXIMUM LIMIT OF IMPURITIES	
Loss on Ignition (at 900°C)	17 - 34%
Water soluble salt	1.5%
Alkalinity	Passes test.
Acid absorption	Passes test.
Chloride (Cl)	0.05%
Sulphate (SO <sub>4</sub> )	0.5%
Arsenic (As)	0.0004%
Heavy Metals (Pb)	0.003%

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

<b>WARNING</b> <b>Hazard statements :</b> Not hazardous. No hazards. <b>Precautionary statements</b> <b>Prevention:</b> ----- <b>Response:</b> --- <b>Disposal :--</b>	<b>IMDG Code :--</b> <b>UN No. :-</b> <b>IATA :-</b>
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**Hazard Pictogram(s) :-----**