



Product Specification

cdhfinechemical.com

MAGNESIUM TRISILICATE

PRODUCT CODE	029122	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(39365-87-2)	
ATOMIC OR MOLECULAR FORMULA	2MgO.3SiO ₂ .xH ₂ O	2MgO.3SiO₂.xH₂O
ATOMIC OR MOLECULAR WEIGHT	260.86 (Anhydrous)	
PROPERTIES	Slightly hygroscopic powder.	

PARAMETER	LIMIT	
Description	White to off white powder.	
Solubility	Insoluble in water and alcohol. Decomposed by mineral acids.	
Minimum Assay (Acidimetric; MgO) (Calculated with ref.to ignited subs.)	29.0%	
Minimum Assay (Gravimetric; SiO ₂)(Calculated with ref.to 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 ₄)	0.5%	
Arsenic (As)	0.0004%	
Heavy Metals (Pb)	0.003%	

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

WARNING Hazard statements : Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: ---	IMDG Code :- UN No. :- IATA :-
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Disposal :-

Hazard Pictogram(s) :-----