




# Product Specification

cdhfinechemical.com

## MAGNESIUM (METAL) TURNING ACC. GRIGNARD REACTION

<b>PRODUCT CODE</b>	<b>144120</b>	
<b>SYNONYMS</b>	--	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	<b>(7439-95-4)</b>	
<b>ATOMIC OR MOLECULARFORMULA</b>	<b>Mg</b>	<b>Mg</b>
<b>ATOMIC OR MOLECULARWEIGHT</b>	<b>24.31</b>	
<b>PROPERTIES</b>	<b>Lightest of the structural metals; strong reducing agent. Magnesium is the central element of the chlorophyll molecule.</b>	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	A silvery white metallic turnings.	
Solubility	Soluble in acids with effervescence.	
Minimum Assay (Complexometric)	99.5%	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Subs. Insoluble in HCl	0.01%	
Iron (Fe)	0.05%	
<b>Note(s) : Assay (if applicable) method mentioned</b>		
<b>WARNING</b> <b>Hazard statements</b> :Flammable solid. Causes eye irritation <b>Precautionary statements</b> <b>Prevention</b> :Wash hands thoroughly after handling. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Keep away from heat/sparks/open flame - No smoking.Wear protective gloves and eye/face protection. <b>Response</b> : If eye irritation persists, get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of fire, use foam for extinction. In case of fire, use dry agent for extinction.		IMDG Code :-4.1/III UN No. :-1869 IATA :-4.1
<b>Disposal</b> :-----		
Hazard Pictogram(s) :		
	GHS02	

Replace date 29-May-2023