



## ALUMINIUM (METAL) FINE POWDER

<b>PRODUCT CODE</b>	<b>R01020</b>	
<b>SYNONYMS</b>	---	
<b>C.I. NO.</b>	---	
<b>CASR NO.</b>	(7429-90-5)	<b>Al</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	Al	
<b>ATOMIC OR MOLECULAR WEIGHT</b>	26.98	
<b>PROPERTIES</b>	---	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	A bright silver grey powder.	
Solubility	Dissolve 1 gm in 25 ml of hot dilute HCl containing 1 drop of 5% w/v solution of mercuric chloride. The solution is almost clear and colourless.	
Minimum assay (Complexometric)	99.0%	
Mesh Size (Passing through 200 mesh)	Min. 90.0%	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Insoluble in HCl	0.05%	
Copper (Cu)	0.05%	
Iron (Fe)	0.5%	
Lead (Pb)	0.03%	
Manganese (Mn)	0.01%	
<b>Note(s) : Assay (if applicable) method mentioned.</b>		
<b>DANGER :</b> <b>Response :</b> IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. In case of fire, use foam for extinction. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. <b>HAZARD STATEMENTS :</b> Highly flammable liquid and vapour. May be harmful if swallowed. <b>PRECAUTIONARY STATEMENTS :</b> <b>Prevention :</b> Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting/equipment. Ground/bond container and receiving equipment. Use only non-sparking tools. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Wear protective gloves and eye/face protection.		IMDG Code :- 9/III UN No. :- 3077 IATA :- 9
<b>Disposal :</b> .....		
<b>Hazard.....</b>		

Replace Date 1 April 2023

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