



Product Specification

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ALUMINIUM (METAL) FINE POWDER

PRODUCT CODE	027064	
SYNONYMS	---	
C.I. NO.	---	
CASR NO.	(7429-90-5)	
ATOMIC OR MOLECULAR FORMULA	Al	Al
ATOMIC OR MOLECULAR WEIGHT	26.98	
PROPERTIES	---	
PARAMETER	LIMIT	
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%	
MAXIMUM LIMIT OF IMPURITIES		
Insoluble in HCl	0.05%	
Copper (Cu)	0.05%	
Iron (Fe)	0.5%	
Lead (Pb)	0.03%	
Manganese (Mn)	0.02%	
Note(s) : Assay (if applicable) method mentioned.		
DANGER : Response : 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. HAZARD STATEMENTS : Highly flammable liquid and vapour. May be harmful if swallowed. PRECAUTIONARY STATEMENTS : Prevention : 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
Disposal : -----		
Hazard.....		
 GHS02		

Replace Date 26-Sep-2025