



# Product Specification

cdhfinechemical.com

## ALUMINIUM (METAL) FINE POWDER

<b>PRODUCT CODE</b>	<b>027064</b>	
<b>SYNONYMS</b>	---	
<b>C.I. NO.</b>	---	
<b>CASR NO.</b>	<b>(7429-90-5)</b>	
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>Al</b>	<b>Al</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>26.98</b>	
<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%

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

<p><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.</p>	<p>IMDG Code :- 9/III  UN No. :- 3077  IATA :- 9</p>
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**Disposal :** -----

**Hazard.....**



**GHS02**

Replace Date 11-Aug.-2018