

# Material Safety Data Sheet

1. Product and company identification	
Product	Aluminum wire
Manufacture's Name	Youngwon Corporation
Address	112-4 Yoolam-Ri, Paltan-Myeon, Hwaseong-Si, Gyeonggi-Do, Korea
E-mail	alwire@hanmail.net
Telephone	82-31-353-6610
Fax.	82-31-353-1180
MSDS Date	12/02/2009

2. Composition / Information on ingredients			
Ingredient Name	Aluminum and aluminum alloy		
CAS No.	7429-90-5	Purity	99.92% min.
Chemical Formula	Al		
Appearance	Silver white		
Physical state	Solid		

3. Hazards identification including emergency overview	
NFPA Rating	Health=0 , Flammability=0 , Reactivity=0
Potential health effects	No information found
Stable under normal temperatures and pressures	

4. First aid measures	
Eye contact	Flush with water for at least 15 minutes
Skin contact	Remove particles by thoroughly washing with soap and water.
Ingestion	Rinse out mouth and drink lots of water. if unusual symptoms are observed, seek medical advice.



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5. Fire fighting measures	
Fire	Not consider to be a fire hazard
Explosion	Fine dust dispersed in air in sufficient concentrations and in the presence of an ignition source is a potential dust explosion hazard.
Extinguishing media	Do not use water directly on fire. use dry chemical to fight fire use carbon dioxide.

6. Accidental release measures	
Spill release procedures	Not applicable

7. Handling and storage	
Handling	Protect against physical damage. Glove, eye protection and protective clothing should be worn.
storage	Stored in cool, dry and ventilated area. Avoid contact with water.

8. Exposure controls and personal protection	
Skin protection	Wear protective gloves.

9. Physical and chemical properties	
Appearance	Silver white
Odor	Odor less
Solubility	Insoluble in water
Density	2.69~2.73 (Water=1)
pH	Not applicable or not available
Melting point	About 660 ℃



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10. Stability and reactivity	
Stability	Stable under normal temperatures and pressures
Reactivity	Sodium hydroxide and halogen acids on contact with aluminum may generate explosive hydrogen mixtures.

11. Toxicological information	
No information found	
Carcinogenicity	Not list by ACGIH, IARC, NIOSH, NTP, or OSHA
Teratogenicity	No data available
Epidemiology	No data available
Neurotoxicity	No data available
Mutagenicity	No data available

12. Ecological effects	
Environmental effects	No information found
Environmental toxicity	No information found

13. Disposal considerations	
Disposal	Disposal should be via an approved contractor and should take full account of local regulations

14. Transport information	
Not regulated. Avoid contact with water	

15. Regulatory information	
Not regulated. avoid contact with water	

16. Other information)	
Not applicable	



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