Section 1: Product and Company Identification

Product Name: Aluminum Wire
Synonym: ND
Company Name
Ted Pella, Inc., P.O. Box 492477, Redding, CA 96049-2477
Inside USA and Canada 1-800-237-3526 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)
Outside USA and Canada 1-530-243-2200 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)
CHEMTREC USA and Canada Emergency Contact Number 1-800-424-9300 24 hours a day
CHEMTREC Outside USA and Canada Emergency Contact Number +1-703-741-5970 24 hours a day

Section 2: Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Principle Hazardous Component(s) (chemical and common name(s)) (Cas. No)</th>
<th>%</th>
<th>OSHA PEL mg/m3</th>
<th>ACGIH TLV mg/m3</th>
<th>NTP</th>
<th>IARC</th>
<th>OSHA regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum (7429-90-5)</td>
<td>99.99</td>
<td>15</td>
<td>10</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

All exposure limits in mg/m³, values for airborne powder or dust.

Section 3: Hazard Identification Emergency overview

Appearance: Metallic solid wire or light silvery-white metal wire.
Immediate effects: As part of good industrial, personal and safety procedures, avoid unnecessary exposure to the chemical substance and insure prompt removal from skin, eyes and clothing.

Potential health effects
Primary Routes of entry: Inhalation, ingestion (dust, fumes)
Signs and Symptoms of Overexposure: Aluminum dust/fines and fumes are a low health risk by inhalation. Nuisance dust.
Eyes: No adverse effect expected.
Skin: No adverse effect expected.
Ingestion: Not expected to be a health hazard.
Inhalation: Not expected to be a health hazard.
Chronic Exposure: ND
Chemical Listed As Carcinogen or Potential Carcinogen: No
See Toxicological Information (Section 11)

Potential environmental effects
See Ecological Information (Section 12)
Section 4: First Aid Measures
If accidental overexposure is suspected
Eye(s) Contact: Not expected to require first aid measures.
Skin Contact: Not expected to require first aid measures.
Inhalation: Not expected to require first aid measures.
Ingestion: Not expected to require first aid measures.

Note to Physician
Treatment: ND
Medical Conditions generally Aggravated by Exposure: ND

Section 5: Fire Fighting Measures
Flash Point: Not considered to be a fire hazard.
Flammable Limits: NE
Auto-ignition point: 760 ºC (1400 ºF)
Fire Extinguishing Media: Use Class D extinguishing agents or dry sand on fire.
Do not use water or halogenated extinguishing agents.
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: Dust clouds may be explosive.
Hazardous combustion products: ND
DOT Class: None

Section 6: Accidental Release Measures
Steps to be taken in Case Material is Released or Spilled: No special precautions indicated.
Waste Disposal Methods: Dispose of waste according to Federal, State and Local Regulations.

Section 7: Handling and Storage
Precautions to be taken in Handling and Storage: Store away from incompatible substances.
Storage temperature: NA
Storage Pressure: NA

Section 8: Exposure Controls / Personal Protection Engineering Controls
Ventilation required: Not expected to be required unless exposure limits are being generated.

Personal Protection Equipment
Respiratory protection: Not expected to be required unless exposure limits are being generated.
Protective gloves: Not required, but recommended.
Skin protection: Not required, but recommended.
Eye protection: Not required, but recommended.
Additional clothing and/or equipment: None

Exposure Guidelines
See Composition/Information on Ingredients (Section 2)

Section 9: Physical and Chemical Properties
Appearance and Physical State: Metallic solid wire or light silvery-white metal wire.
Odor (threshold): None
Density: 2.7
Vapor Pressure (mm Hg): NA
Vapor Density (air=1): NA
Percent Volatile by volume: NA
Evaporation Rate (butyl acetate=1): NA
Boiling Point: NA
Freezing point / melting point: 660 ºC (1220 ºF)
pH: NA
Solubility in Water: Insoluble.
Atomic Weight: 26.98

Section 10: Stability and Reactivity
Stability: Stable
Conditions to Avoid: Incompatibilities.
Materials to Avoid (Incompatibility): Acids, Acid chlorides, bases, halogens, halocarbons, strong oxidizing agents and many other materials.
Hazardous Decomposition Products: Toxic fumes of aluminum oxide, hydrogen when reacted with some acids and caustic (bases) solutions.
Hazardous Polymerization: Will not occur.

Section 11: Toxicological Information
Results of component toxicity test performed: ND
Human experience: ND
This product does not contain any compounds listed by NTP or IARC or regulated by OSHA as a carcinogen.

Section 12: Ecological Information
Ecological Information: NIF
Chemical Fate Information: NIF

Section 13 Disposal Considerations
RCRA 40 CFR 261 Classification: None
Federal, State and local laws governing disposal of materials can differ.
Ensure proper disposal compliance with proper authorities before disposal.

Section 14: Transportation Information
Aluminum Wire:
US DOT Information: Proper shipping name: Not regulated
IATA: Proper shipping name: Not regulated
IMO: Proper shipping name: Not regulated
Marine Pollutant: No
Canadian TDG: Not regulated

Section 15: Regulatory Information United States
Federal Regulations
SARA: No
SARA Title III: No
RCRA: No
TSCA: Listed
CERCLA: No

State Regulations
California Proposition 65: None

International Regulations
Canada WHMIS: Listed
Europe EINECS Numbers: ND
Section 16: Other Information
Label Information: ND
European Risk and Safety Phrases: ND
European symbols needed: ND
Canadian WHMIS Symbols: ND
NFPA Hazard Rating: Health: 0; Fire: 0; Reactivity: 0 (0=least, 1=Slight, 2=Moderate, 3=High, 4=Extreme)

Abbreviations used in this document
NE= Not established
NA= Not applicable
NIF= No Information Found
ND= No Data

Disclaimer
Ted Pella, Inc. makes no warranty of any kind regarding the information furnished herein. Users should independently determine the suitability and completeness of information from all sources. While this data is presented in good faith and believed to be accurate, it should be considered only as a supplement to other information gathered by the user. It is the User's responsibility to assure the proper use and disposal of these materials as well as the safety and health of all personnel who may work with or otherwise come in contact with these materials.

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