

Alpha Resources Inc.
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# Safety Data Sheet (SDS)

Revision Date: May 6, 2015

## SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### Aluminum

AAD3000, AAD3001, AAD3003, AAD3004, AAD3005, AAD3027, AAD3029, AR00814, AR00815, AXR505, AXR535, AXR540, AXR545, AXR547

Alpha Resources, Inc. This product is intended for laboratory use in elemental analysis.

Alpha Resources Inc. 3090 Johnson Rd. Stevensville, MI 49127 (269)465-5559

CHEMTREC Emergency Phone Number: (800) 424-9300

Signal Word

**WARNING**

Pictograms

## SECTION 2— HAZARDS IDENTIFICATION

**Hazard Class:** Acute aquatic toxicity (category 1) and chronic aquatic toxicity (category 1).

**Hazard Statements:** Very toxic to aquatic life with long lasting effects (H410)

**Precautionary Statements:** Avoid release to the environment (P273), collect spillage (P391), and dispose of contents/container to an approved waste disposal plant.

**Hazards not otherwise classified or not covered by GHS:** Combustible dust



## SECTION 3— COMPOSITION, INFORMATION ON INGREDIENTS

Component	CAS#	Concentration
Aluminum	7429-90-5	100%

## SECTION 4— FIRST AID MEASURES

**If inhaled:** Remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P340). If not breathing, give artificial respiration. Consult physician.

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing (P305+P351+P338). **If eye irritation persists:** Get medical advice or attention (P337+P313).

**If on skin:** Wash with plenty of water and soap.

**If swallowed:** Rinse mouth. Call a POISON CENTER or physician if you feel unwell.

## SECTION 5 — FIRE FIGHTING MEASURES

**In case of fire:** Use a tri-class dry chemical fire extinguisher, water spray, alcohol-resistant foam, or carbon dioxide.

**Advice for firefighters:** Wear self-contained breathing apparatus if necessary.

**Special Hazards arising from substance:** Aluminum oxide



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**SECTION 11 — TOXICOLOGICAL INFORMATION**

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**Acute toxicity:** no data

**Skin corrosion/irritation:** no data

**Serious eye damage/eye irritation:** no data

**Respiratory or skin sensitization:** no data

**Carcinogenicity:** No component of this product present at levels greater than or equal to 0.1% is identified as probably, possible or confirmed human carcinogen by IARC, ACGIH, NTP, and OSHA.

**Reproductive toxicity:** no data

**Specific target organ toxicity single/repeated exposure:** no data

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**SECTION 12 — ECOLOGICAL INFORMATION**

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**Toxicity:** Toxicity to fish LC50 Oncorhynchus mykiss (rainbow trout)-0.12mg/l (96hr)

Mortality LOEC Ctenopharyngodon idella-0.1mg/l (96hr)

**Persistence and degradability:** Result-readily biodegradable

**Bioaccumulative potential:** Salvelinus fontinalis (56d)

-268 µg/l

Bioconcentration factor (BCF): 36

**Mobility in soil:** no data

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**SECTION 13 — DISPOSAL CONSIDERATIONS**

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Please review all federal, state and local regulations that may apply before proceeding.

Contaminated packaging should be disposed of as unused product would be.

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**SECTION 14 — TRANSPORT INFORMATION**

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United States Department of Transportation: Not regulated

IMDG

UN#:3077      Class:9      Packing group:III      EMS-No: F-A, S-F      Marine pollutant: yes

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Aluminum)

IATA

UN#:3077      Class:9      Packing group:III

Proper shipping name: Environmentally hazardous substance, solid, n.o.s. (Aluminum)

Information: EHS-Mark required (ADR 2.2.9.1.10, IMDG code 2.10.3) for single packagings and combination packagings containing inner packagings with Dangerous Goods>5L for liquids or >5kg for solids.

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**SECTION 15 — REGULATORY INFORMATION**

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SARA 302 Components: No chemicals in this material are subject to the reporting requirements of SARA Title II, Section 302.

SARA 313 Components: The material does contain a chemical component with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313: Aluminum CAS#7429-90-5

SARA 311/312 Hazards: none

Massachusetts RTK Components: Aluminum CAS#7429-90-5

Pennsylvania RTK Components: Aluminum CAS#7429-90-5

New Jersey RTK Components: Aluminum CAS#7429-90-5

This product does not contain a chemical known to the State of California to cause cancer, birth defects, or any other reproductive harm.

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**SECTION 16 — OTHER INFORMATION**

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The data and information as stated was furnished by the manufacturer/vendor/supplier of this product. Alpha Resources Inc. cannot warrant the accuracy of this information and shall not be responsible or liable for any damage that may result, should any of the information be erroneous.

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