

Alpha Resources Inc.

## Safety Data Sheet (SDS)

Revision Date: April 8, 2015

## SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Quartz Wool (Fine and filtering fiber)**

AR085, AR177, AR 1608, AR8379, AR9721, AEB1017

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

N/A

Pictograms

## SECTION 2— HAZARDS IDENTIFICATION

There are no significant hazards related to this material when properly used.

## SECTION 3— COMPOSITION, INFORMATION ON INGREDIENTS

| Component                       | CAS #      | OSHA PEL(mg/m <sup>3</sup> ) | ACGIH TLV (mg/m <sup>3</sup> ) | Common % |
|---------------------------------|------------|------------------------------|--------------------------------|----------|
| Quartz (fused silica, vitreous) | 60676-86-0 | 0.1 (dust)                   | 0.1                            | 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). 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. (P302+P352). Consult a physician.**If swallowed:** Rinse mouth. Call a POISON CENTER or physician if you feel unwell.

## SECTION 5 — FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.**Advice for firefighters:** Wear self contained breathing apparatus if needed.

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**SECTION 6 — ACCIDENTAL RELEASE MEASURES**

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**Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment when applicable. Keep dust creation to a minimum, avoid breathing vapors, mist or gas. Be certain that adequate ventilation is provided. Evacuate personnel when possible.

**Environmental precautions:** Stop any spillage if at all possible. Don't let this material get released into drains or waterways.

**Method for clean-up:** Sweep and shovel keeping dust formation to a minimum. Place into acceptable storage vessel for disposal.

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**SECTION 7 — HANDLING AND STORAGE**

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**Handling:** Don't touch with bare skin or allow to material to contact eyes. Keep dust creation to a minimum. If dust is formed make sure proper ventilation is present.

**Storage:** Store in a cool, dry, and well-ventilated place. Keep container closed tightly.

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**SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION**

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**Personal protective equipment:**

Wear protective gloves, protective clothing, and eye protection with side shields (P280). Wash hands thoroughly after handling (P264). Wear a respirator when lack of ventilation is a concern.

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**SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance: White, fibrous

Odor: N/A

Specific gravity: 2.65

Vapor pressure: 10mmHg @1732 °C

Freeze/Melt point: 1732 °C

Vapor density: N/A

Soluble: insoluble

pH: N/A

Boiling point: 2230°C

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**SECTION 10 — STABILITY AND REACTIVITY**

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**Stability:** stable, if stored properly should never expire.

**Incompatible:** dissolves in hydrofluoric acid

**Hazardous decomposition/polymerization:** None

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**SECTION 11 — TOXICOLOGICAL INFORMATION**

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None

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**SECTION 12 — ECOLOGICAL INFORMATION**

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Data: N/A

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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.

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**SECTION 14 — TRANSPORT INFORMATION**

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United States Department of Transportation: Not regulated

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**SECTION 15 — REGULATORY INFORMATION**

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U.S. Federal Regulations

TSCA Status: Listed on Toxic Substance Control Act Inventory List.

CERCLA Reportable Quantity: Not regulated

RCRA Status: Not regulated

SARA 313 Title III:

Section 302 Extremely Hazardous Substances: None

Section 311/312 Hazardous Categories: Chronic health and acute

Section 313 Toxic Chemicals: None

Canadian Regulations

WHMIS: None

NOTE: Under normal laboratory conditions and use this product isn't expected to be a hazard to health or environment. However, in certain forms Quartz (fused silica) can have various negative health effects.

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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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