

**Alpha Resources Inc.**

**Safety Data Sheet (SDS)**

Revision Date: May 1, 2015

**SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Arrowroot Starch**

AR800, AR1061

This product is intended for laboratory use.

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

CHEMTREC Emergency Phone Number: (800) 424-9300                      Signal Word                      N/A

**SECTION 2— HAZARDS IDENTIFICATION**

**Hazard Classification:** This material not classified as hazardous per GHS mandate.

**Hazard Statements:** Causes mild skin irritation (H316), causes eye irritation (H320), and may be harmful if inhaled (H333).

**Precautionary Statements:** Wash hands thoroughly after handling (P264) and spilled material can be slippery.

**First Aid Statements:** If INHALED: call a POISON CENTER or doctor/physician if you feel unwell (P304+P312), if skin irritation occurs: Get medical advice/attention (P332+P313), IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do, continue rinsing (P305+P351+P338), and If eye irritation persists: get medical advice/attention (P337+P313).


**SECTION 3— COMPOSITION, INFORMATION ON INGREDIENTS**

Component	CAS #	Common %
Arrowroot powder		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 unconscious, check for breathing and apply artificial respiration if necessary. Seek medical attention.

**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). Take off contaminated clothing.

**If swallowed:** Never give anything by mouth to an unconscious person. If swallowed, rinse mouth with water if person is conscious. DON'T induce vomiting. Seek medical attention if large quantities were swallowed. Never give anything by mouth to an unconscious person.

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**SECTION 5 — FIRE FIGHTING MEASURES**

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**Extinguishing Media:** Dry chemical, water spray, alcohol-resistant foam, or carbon dioxide.

**Fire Fighting Instructions:** Firefighters should wear positive pressure self-contained apparatus if necessary. Full fire retardant clothing might be required depending on size of fire.

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**SECTION 6 — ACCIDENTAL RELEASE MEASURES**

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**Person Precautions:** Adequate ventilation is necessary to prevent over-exposure. Avoid contact with skin and eyes. Avoid production of dust if possible. If dust is formed, don't breathe in and if necessary use a respirator to protect from exposure. Don't breathe in gas/fumes/vapor/spray. Move personnel away from area if possible to a safer zone. Wear personal protection equipment such as safety glasses with side shields or goggles and appropriate gloves.

**Small or large spill:** Sweep, scoop, or vacuum material. Contain material in sealed vessel for disposal. Clean in a way that keeps dust creation to a minimum. Clean area with wet cloth and dispose properly.

**Environmental Precautions:** Avoid letting this material enter water ways or drains.

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**SECTION 7 — HANDLING AND STORAGE**

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**Handling:** Wear suitable person protective equipment. Exhaust should be in place when working with this material. If not possible an approved respirator should be worn. Wash hands after touching material. Don't breathe dust or vapor.

**Store:** In a cool dry place keep sealed. Don't allow to be stored in areas of extreme temperature or humidity.

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

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Wear protective gloves, protective clothing, and eye protection (P280). Wash hands thoroughly after handling (P264).

An approved NIOSH respirator must be work if exposure limits are excessive. An eye wash station should be in the area where material is processed or worked with.

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**SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

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White powder/clear liquid

Odorless

Relative Density: N/A

Soluble: N/A

pH: N/A

Melting Point: N/A

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**SECTION 10 — STABILITY AND REACTIVITY**

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**Stability:** Stable if stored or used at proper temperatures should never become unstable.

**Incompatible materials:** Oxidizing agents

**Conditions to Avoid:** Contact with incompatible materials.

**Hazardous decomposition product:** Not determined

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**SECTION 11 — TOXICOLOGICAL INFORMATION**

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**Acute Effects:** Harmful if swallowed.

**Skin corrosion/irritation:** Causes skin irritation.

**Serious eye damage/irritation:** Causes eye irritation.

**Respiratory irritation:** May be harmful if inhaled.

**Toxicological Data:** N/A

**Germ cell mutagenicity:** N/A

**Carcinogenicity:** N/A

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**SECTION 12 — ECOLOGICAL INFORMATION**

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**Ecotoxicity Data:** No data

**Persistence and degradability:** No data

**Bioaccumulative potential:** No data

**Mobility in soil:** No data

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**SECTION 13 — DISPOSAL CONSIDERATIONS**

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Waste disposal should be done in compliance with existing federal, state and local environmental regulations.

This material isn't a hazardous waste.

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**SECTION 14 — TRANSPORT INFORMATION**

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DOT not regulated.

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**SECTION 15 — REGULATORY INFORMATION**

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N/A

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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.