

Alpha Resources Inc.

Safety Data Sheet (SDS)

SDS #: 102

Revision Date: May 1, 2015

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Glutamic Acid

AR01067

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

This material is NOT considered hazardous per 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

SECTION 3— COMPOSITION, INFORMATION ON INGREDIENTS

Component	CAS #	Common %
Glutamic acid	56-86-0	<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 irritation persists, get medical attention.

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.

SECTION 5 — FIRE FIGHTING MEASURES

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

Auto-ignition Temperature: 640°C

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.

Specific Hazards Arising: Dust can form an explosive mixture in air.

Hazardous Combustion Products: Carbon Monoxide, Carbon dioxide, and Nitrogen oxides.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

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.

SECTION 7 — HANDLING AND STORAGE

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.

SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

This product doesn't contain any hazardous materials with occupational exposure limits.

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. Use good industrial hygiene and safety practices.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

White powder

Odorless

Relative Density: N/A

Soluble: N/A

pH: 3.3@20°C

Melting Point: 205°C

SECTION 10 — STABILITY AND REACTIVITY

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

Conditions to Avoid: Excess heat. Avoid dust formations.

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition product: Carbon dioxide, Carbon monoxide, and Nitrogen oxides.

Hazardous Polymerization: None under normal processing.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute Effects: No data

Skin corrosion/irritation: No data

Serious eye damage/irritation: No data

Respiratory irritation: No data

Toxicological Data: No data

Germ cell mutagenicity: No data

Carcinogenicity: No data

SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicity Data: Don't release into drains.

Persistence and degradability: No data

Bioaccumulative potential: No data

Mobility in soil: No data

SECTION 13 — DISPOSAL CONSIDERATIONS

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

This material isn't a hazardous waste.

SECTION 14 — TRANSPORT INFORMATION

DOT not regulated.

SECTION 15 — REGULATORY INFORMATION

N/A

SECTION 16 — OTHER INFORMATION

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.
