

Alpha Resources Inc.

Safety Data Sheet (SDS)

Revision Date: April 30, 2015

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Calcium Carbonate

AR1034, AR1034-100, AR90815-19

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 WARNING

Pictograms



SECTION 2— HAZARDS IDENTIFICATION

Hazard class: Serious eye damage/eye irritation (category 2A), and specific target organ toxicity, single exposure; Respiratory tract irritation (category 3).

Hazard Statements: Causes serious eye irritation (H319), and may cause respiratory irritation (H335).

Precautionary Statements: Wash thoroughly after handling (P264), avoid breathing dust/gas/fume/mist/vapor/spray (P261), use only outdoors or in a well-ventilated area (P271), wear eye protection/face protection (P280), store in a well-ventilated place keep container tightly closed (P403+P233), dispose of contents/container in accordance with local regulations (P501), and store locked up (P405).

First aid Statements: IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing (P305+P351+P338), If eye irritation persists: get medical advice/attention (P337+P313), IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P340), and call a POISON CENTER or doctor/physician if you feel unwell (P312).

SECTION 3— COMPOSITION, INFORMATION ON INGREDIENTS

Component	CAS Number	Concentration
Calcium Carbonate	471-34-1	100%

SECTION 4— FIRST AID MEASURES

Call a POISON CENTER or physician if you feel unwell.

If inhaled: move to fresh air. Oxygen or artificial respiration if needed. Call a physician if symptoms develop or persist.

If on skin: Remove and isolate contaminated clothing and shoes. Rinse skin with water/shower. Get medical attention if irritation develops or persists. Wash clothing separately before reuse.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Get medical attention if irritation develops or persists.

If swallowed: IF SWALLOWED: Immediately call a POISON CONTROL or doctor/physician. Rinse mouth. Don't use mouth to mouth method if victim ingested substance. Get medical attention if symptoms occur.

Symptoms: Sever eye irritation. Symptoms include stinging, tearing, redness, swelling, and blurred vision.

SECTION 5 — FIRE FIGHTING MEASURES

Extinguishing Media: Alcohol-resistant foam, carbon dioxide, dry chemical, or water fog.

Unsuitable Extinguishing Media: Don't use water jet, this can spread fire.

Advice for Fighting Fire: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operate in positive pressure mode.

Special Hazards Arising: N/A

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Precautions: Use suitable personal protective equipment when cleaning up any spills. Ventilation is required to prevent over exposure. When ventilation is not possible a NIOSH approved respirator is required. Avoid contact with skin and eyes. Don't breathe gas/fumes/vapor/spray. Evacuate personnel to safe zone.

Method: This product is immiscible with water and will spread on the water surface. Shouldn't be released into the environment. Vacuum using a cleaner with a HEPA filter. Ventilate area and wash spill site after material pickup is complete avoid generating dusty environment. Avoid discharge into drains and water ways.

SECTION 7 — HANDLING AND STORAGE

Handle in areas with open ventilation and store locked up. Keep dust creation and build up to a minimum. Avoid contact with eyes and skin. Wear suitable personal protection equipment. Wash hands after handling material. Don't breathe dust or vapor. Avoid prolonged exposure.

Store in a dry cool environment that is well ventilated. Store in a sealed container locked up.

SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Data Limits: Calcium Carbonate TWA 5mg/m³ (respirable) 10mg/m³ (total)

Protection: The use of proper ventilation is encouraged to prevent over exposure. Use a respirator when necessary in accordance with OSHA regulations 29 CFR 1910.134. Wear proper personal protection equipment such as appropriate chemical resistant gloves and clothing, be sure to wear the proper eye protection with side shields or goggles.

Hygiene: Washing hands after handling. Washing before eating, drinking, and/or smoking. Routinely wash work clothing.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Solid white powder	Odorless.	pH: 8-9 (slurry in water)
Melting point: N/A	Vapor pressure: N/A	Vapor density: N/A
Boiling Point: N/A	Relative Density: N/A	Flash Point: N/A
Soluble: N/A	Decomposition Temp: 825°C	

SECTION 10 — STABILITY AND REACTIVITY

Stable under normal conditions.

Reactivity not determined.

Hazardous decomposition: Carbon oxides

Hazardous polymerization: none

Incompatible: strong acids

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute toxicity data:

Oral: LD50 Mouse: 6450mg/kg LD50 Rat: 6450mg/kg

Chronic effects: Prolonged inhalation may be harmful.**Acute toxicity:** May cause respiratory irritation.**Skin corrosion/irritation:** Prolonged skin contact may cause temporary irritation.**Serious eye damage/eye irritation:** Causes serious eye irritation.**Respiratory sensitization:** Not known**Germ cell mutagenicity:** No data**Reproductive toxicity:** Not expected**Carcinogenicity:** No component of this product identified as a carcinogen by OSHA, IARC, NTP, and ACGIH.

SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicity Data: Fish LC50 Western mosquitofish (*Gambusia affinis*): >56000mg/l (96hr)**Bioaccumulative:** No data**Mobility in soil:** No data**Persistence and degradability:** None known

SECTION 13 — DISPOSAL CONSIDERATIONS

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

Empty containers should be taken to an approved waste handling site for disposal.

SECTION 14 — TRANSPORT INFORMATION

Not regulated as a dangerous good.

SECTION 15 — REGULATORY INFORMATION

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard

29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4) Not listed.

SARA 304 Emergency release notification Not regulated.

Superfund Amendments and Reauthorization Act of 1986

(SARA) Hazard categories Immediate Hazard - Yes

Delayed Hazard - No

Fire Hazard - No Pressure Hazard - No Reactivity

Hazard - No

SARA 302 Extremely hazardous substance Not listed.

SARA 311/312 No

Hazardous chemical SARA 313 (TRI reporting) Not regulated.

US state regulations Not regulated.

US. California Controlled Substances. CA Department of Justice Not listed.

US. Massachusetts RTK - Substance List Not regulated.

US. New Jersey Worker and Community Right-to-Know Act Not listed.

US. Pennsylvania Worker and Community Right-to-Know Law Not listed.

US. Rhode Island RTK Not regulated.

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

SECTION 16 — OTHER INFORMATION

The data and information 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 fo the information be erroneous.
