

Material Safety Data Sheet

SECTION I

PRODUCT NAME OR NUMBER (AS IT APPEARS ON LABEL):

AR2311  
Furnace Reagent

MANUFACTURER: Alpha Resources, Inc.                      TELEPHONE: 269-465-5559  
P.O. Box 199  
Stevensville, MI 49127

MANUFACTURER'S DUNNS NO. 08 383 8045

HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZARD CLASSES, HAZARD ID NO:

Reagent

CHEMICAL FAMILY: Inorganic compound

FORMULA: n/a

SECTION II - HAZARDOUS INGREDIENTS

CAS REGISTRY NO.	%W	%V	CHEMICAL NAMES
1305-78-8	>30	n/a	Calcium Oxide
1332-58-7	>30	n/a	Kaolin
1314-35-8	>30	n/a	Tungsten Oxide

SECTION III - PHYSICAL DATA

Boiling point: n/a                      SPECIFIC GRAVITY = n/a  
(WATER = 1)

% Volatile by volume: n/a

Vapor pressure: n/a

Percent solid(s) by weight % = 100

Vapor density (air = 1): n/a

Evaporation rate: n/a

Solubility in water: n/a                      pH n/a

Melting point: n/a

Material is Solid

Appearance and odor: Odorless solid

#### SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash point: n/a

Flammable limits: LEL: n/a UEL: n/a

Extinguishing media: not flammable; use extinguishing media appropriate for surrounding fire, except water.

Special fire-fighting procedures: Emits toxic fumes when burned. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire and explosion hazards: none

#### SECTION V HEALTH HAZARD DATA

Threshold Limit Value: n/a

Permissible exposure limit: n/a

Other limit: n/a

Effects of overexposure: Can cause eye irritation. Irritating if absorbed through the skin. Inhalation can cause chest pain and difficult breathing. Ingestion can irritate mouth with burns to mouth, stomach and damage to lungs.

Primary routes of entry: Inhalation Skin Contact

Emergency and first aid procedures: Flush eyes with water for 15 minutes. Wash skin with soap and water. If inhaled, remove to fresh air. Give oxygen and artificial respiration. If swallowed, do not induce vomiting. If conscious, give large amounts of water. Follow with diluted vinegar, fruit juice or egg white beaten with water. Call a physician

#### SECTION VI REACTIVITY DATA

Stability: stable

Conditions to avoid: Water, fluorine, strong acids, or moisture and air. Reacts violently with bromine, pentafluoride, or chlorine. Reacts initially with lithium at 392 degrees F. resulting in a rapid and violent exotherm

Hazardous decomposition products: not known

Hazardous polymerizations: none

#### SECTION VII SPILL OR LEAK PROCEDURE

Steps to be taken in case material is released or spilled: With clean shovel, carefully place material into clean dry container and cover.

Remove from area. Avoid raising dust. Ventilate and flush spill area with water.

Waste disposal: Bury in a landfill site approved for the disposal of chemical and hazardous wastes.

Comply with state, federal, and local regulations.

Reportable quantities in lbs.:

CERCLA n/a            SARA n/a            OTHER n/a

RCRA hazardous waste number(s): n/a

Volatile organic compounds (VOC) (as packaged minus water).

Theoretical (lbs/gal): n/a            Analytical (lbs/gal): n/a

#### SECTION VIII SPECIAL PROTECTION

Eye protection: Safety goggles recommended

Skin protection: Chemical resistant gloves recommended

Respiratory protection: Wear appropriate approved respirator

Ventilation Local Exhaust (specify rate): /a

#### SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing and/or other precautions:

Do not breathe dust. Avoid contact with eyes, skin, clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Keep container tightly closed. Suitable for any general chemical storage area. Store in a cool dry place.

#### SUPPLEMENTAL INFORMATION

The data and information as stated was furnished by the manufacturer/vendor &/or 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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