

# Material Safety Data Sheet

## SECTION I

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

AR 026 Ceramic Crucible

MANUFACTURER: Alpha Resources, Inc.  
P.O. Box 199  
Stevensville, MI 49127

TELEPHONE: 269-465-5559

MANUFACTURER'S DUNNS NO. 08 383 8045

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

Ceramic crucible

CHEMICAL FAMILY: Refractory

FORMULA: N/A

## SECTION II - INGREDIENTS (LIST ALL INGREDIENTS)

CAS REGISTRY NO.	CHEMICAL NAMES	LISTED AS A CARCINOGEN IN NTP, IARC OR OSHA 1910(Z) SPECIFY
14808-60-7	Quartz, Silica, Flint	see below
	Silicon Dioxide	
1332-58-7	Kaolinite, kaolin, clay	see below
	hydrous aluminum silicate	

This is a ceramic product. The above ingredients are kiln-fired, transforming the potentially hazardous components into a vitrified chemically inert product.

IARC in its publication IARC Monographs on the evaluation of the carcinogenic risk to humans - silica and some silicates volume 42, 1987, has concluded that there is sufficient evidence for the carcinogenicity of crystalline silica in experimental animals, and limited evidence for the carcinogenicity of crystalline silica in humans and has, therefore, classified crystalline silica in group 2A of probable carcinogens.

## 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 % = > 99

Vapor density (air = 1): N/A

Evaporation rate: N/A

Solubility in water: insoluble                      pH N/A

Melting point: N/A

Material is Solid

Appearance and odor: white ceramic cup

#### SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash point: N/A

Flammable limits: LEL: N/A                      UEL: N/A

Extinguishing media: product will not burn

Special fire fighting procedures: N/A

Unusual fire and explosion hazards: N/A

#### SECTION V HEALTH HAZARD DATA

Threshold Limit Value: as sold, product is neither dusty nor likely to be swallowed, nor is it likely to be ground up in normal use. Hence, there is no established TLV.

Permissible exposure limit: N/A

Other limit: N/A

Effects of overexposure: N/A

Primary routes of entry: none likely

Emergency and first aid procedures: N/A

#### SECTION VI REACTIVITY DATA

Stability: stable                      Conditions to avoid: none

Incompatibility: (material to avoid) N/A

Hazardous decomposition products: none

Hazardous polymerizations: will not occur

Conditions to avoid: none

#### SECTION VII SPILL OR LEAK PROCEDURE

Steps to be taken in case material is released or spilled: pick up

Waste disposal:

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: If crucible is heated, wear safety glasses

Skin protection: If crucible is heated, use tongs to handle

Respiratory protection: If burning hazardous substance in crucible, provide ventilation for that substance

Ventilation Local Exhaust (specify rate): N/A

Special: N/A

Requirements Mechanical (General) (Specify rate): N/A

#### SECTION IX - SPECIAL PRECAUTIONS

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

none

#### 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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Prepared by: Scot Burns