

Material Safety Data Sheet

SECTION I

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

AR 091 Calcium Oxalate

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:

Calcium Oxalate Hydrate

FORMULA: $\text{CaC}_2\text{O}_4 \cdot x\text{H}_2\text{O}$

SECTION II - INGREDIENTS (LIST ALL INGREDIENTS)

CAS REGISTRY NO.	%W	CHEMICAL NAMES	LISTED AS A CARCINOGEN IN NTP, IARC OR OSHA 1910(Z) SPECIFY
5794-28-5	100	Calcium Oxalate	no

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: 0

Solubility in water: soluble pH N/A

Melting point: N/A

Material is Granular Solid

Appearance and odor: White powder

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash point: non flammable

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

Extinguishing media: water spray, carbon dioxide, dry chemical powder or foam

Special fire fighting procedures: wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire and explosion hazards: emits toxic fumes under fire conditions.

SECTION V HEALTH HAZARD DATA

Threshold Limit Value: N/A

Permissible exposure limit: N/A

Other limit: none

Primary routes of entry: Inhalation, eyes and skin

Emergency and first aid procedures: in case of contact in the eyes, immediately flush eyes with copious amounts of water for at least 15 minutes. In case of contact with skin, immediately wash skin with soap and copious amounts of water. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give Oxygen. If swallowed, wash out mouth with water provided person is conscious. Call a physician. Wash contaminated clothing before reuse.

SECTION VI REACTIVITY DATA

Stability: hygroscopic Conditions to avoid: strong oxidizers

Incompatibility: (material to avoid) strong oxidizers

Hazardous decomposition products: toxic fumes of carbon monoxide and carbon dioxide

Hazardous polymerizations: will not occur

SECTION VII SPILL OR LEAK PROCEDURE

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

Waste disposal:

Comply with state, federal, and local regulations.

Reportable quantities in lbs.: N/A

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 glasses

Skin protection: none needed

Respiratory protection: not required unless material is dusted or fumed, then use NIOSH/MSHA approved respirator

Ventilation Local Exhaust (specify rate): required

Special: N/A

SECTION IX - SPECIAL PRECAUTIONS

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

Avoid conditions which create fumes dust. Avoid inhalation or ingestion. Practice good housekeeping and personal hygiene procedures.

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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