

Material Safety Data Sheet

SECTION I

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

AR 167,166 Ascarite II

MANUFACTURER: Alpha Resources, Inc.
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HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZARD CLASSES, HAZARD ID NO:

Sodium Hydroxide, CAS No. 1310-73-2

CHEMICAL FAMILY: Acid gas absorbent

FORMULA: NaOH

SECTION II - INGREDIENTS (LIST ALL INGREDIENTS)

CAS REGISTRY NO.	%W	CHEMICAL NAMES	LISTED AS A CARCINOGEN IN NTP, IARC OR OSHA 1910(Z) SPECIFY
1310-73-2	90-95	Sodium hydroxide	no
1318-00-9	5-10	Non-fibrous silicate	no

SECTION III - PHYSICAL DATA

Boiling point: 1390 C SPECIFIC GRAVITY = .9
(WATER = 1)

% Volatile by volume: N/A

Vapor pressure: N/A

Percent solid(s) by weight % = N/A

Vapor density (air = 1): N/A

Evaporation rate: N/A

Solubility in water: soluble pH caustic

Melting point: 318 C

Material is Powder

Appearance and odor: light brown granules - no odor

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash point: N/A not flammable

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

Extinguishing media: Any suitable for surrounding material

Special fire fighting procedures: wear protective clothing, self-contained breathing apparatus

Unusual fire and explosion hazards: none

SECTION V HEALTH HAZARD DATA

Threshold Limit Value: sodium hydroxide - OSHA PEL 2 mg/m³, ACGIH TLV 2 mg/m³

Other limit: N/A

Effects of overexposure: severe corrosive to any tissue it may contact. Causes irritation to severe burns.

Primary routes of entry: Skin Contact

Emergency and first aid procedures: Skin - persons with pre-existing skin disorders, eye problems, or impaired respiratory function may be more susceptible to exposure. Wash thoroughly with water. Remove contaminated clothing immediately. Eyes - flush immediately with water for at least 15 minutes. Ingestion - give large quantities of cold water or milk. Do not induce vomiting.

SECTION VI REACTIVITY DATA

Stability: stable Conditions to avoid: none

Incompatibility: (material to avoid) strong acids, small quantities of water

Hazardous decomposition products: Na₂O

Hazardous polymerizations: will not occur

Conditions to avoid: N/A

SECTION VII SPILL OR LEAK PROCEDURE

Steps to be taken in case material is released or spilled: Clean up thoroughly and put in sealed container for proper disposal. Flush area with water.

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: safety glasses with side shields

Skin protection: gloves resistant to NaOH

Respiratory protection: dust removal mask or respirator

Wear protective clothing when large quantities are handled. May be fatal if swallowed. Avoid breathing dust. Avoid skin & eye contact. Wash thoroughly after use.

Ventilation Local Exhaust (specify rate): enough to keep dust to minimum levels

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:

Keep container tightly closed. Store in a cool, dry, well-ventilated area. Wash everything thoroughly with which material has come in contact.

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