

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Coal Standard

AR1681, AR1682, AR1683, AR1684, AR1685, AR1700, AR1701, AR1702, AR1703, AR1704, AR1705, AR1706, AR1707, AR1708, AR1709, AR1710, AR1711, AR1712, AR1713, AR1720, AR1721, AR1722, AR1723, AR1724, AR1726, AR1727, AR1728, AR1729, AR1730, AR1731, AR1732, AR 1733, AR1905, AR1906, AR1907, AR1908, AR1910, AR1911, AR1912, AR1933, AR2751, AR2752A, AR2753, AR2754, AR2755, AR2756, AR2758, AR2760, AR2773, AR2775, AR2776, AR2778, AR2780, AR2781, AR2782, AR2783, AR3701, AR3702, AR3703, AR3704, AR3705, DPR1040, DPR1109, (DPR “specials” referred to as coal standards)

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: N/A

SECTION 2— HAZARDS IDENTIFICATION

Physical Hazard: Not classified

Health Hazard: Not classified

Hazard Statements: May form combustible dust concentrations in air.

Precautionary Statements: Not classified

SECTION 3— COMPOSITION, INFORMATION ON INGREDIENTS

Component	CAS #	OSHA PEL(mg/m ³)	ACGIH TLV (mg/m ³)	Common %
Coal Powder	N/A	N/A	N/A	100

SECTION 4— FIRST AID MEASURES

If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P340). If breathing is difficult qualified personnel may administer Oxygen. If not breathing give artificial respiration when qualified.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing (P305+P351+P338).

If eye irritation persists: Get medical advice or attention (P337+P313).

If on skin: Wash with plenty of water. (P302+P352). If persists seek medical attention and bring label. Thoroughly clean and dry contaminated clothing.

If swallowed: Aspiration hazard: do not induce vomiting. If vomiting begins, keep head lower than hips to prevent aspiration. Get immediate medical attention or give artificial respiration if not breathing.

SECTION 5 — FIRE FIGHTING MEASURES

Fire Hazards: Extreme fire hazard. Keep fine particulate generation down to a minimum. These fine particles can accumulate in air and when an ignition source is present there can be a potential hazard.

Extinguishing Media: A regular dry chemical, dry sand, water, and regular foam.

Fire-Fighting Equipment/Instructions: Keep inhalation down to a minimum of the material and/or combustion by products. The self-contained breathing apparatus and full protection suit should be used.

NFPA Rating: Health=1 Fire=3 Reactivity=0

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective equipment, and emergency procedures: The build-up of material on surfaces should be cleaned off and disposed of properly. During the cleanup use appropriate protective equipment.

Methods and Materials for clean up: Refrain from physical contact without a barrier. Notify the proper authority of spills according to local, state, federal, and regional regulations. Place the released product into a sealed vessel and dispose accordingly. Keep area isolated to avoid exposure to others.

SECTION 7 — HANDLING AND STORAGE

Handling: Keep dust creating and build-up to a minimum. Good housekeeping practices should make certain that a situation doesn't arise that allows for this material to accumulate.

Storage: This material shouldn't be stored near strong oxidizing materials. Store in a cool, dry place and keep sealed. Follow all regulations or standards that apply.

SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Personal Protection: Wear protective gloves, protective clothing, and eye protection (P280). Wash hands thoroughly after handling (P264).

Proper ventilation should be used when appropriate (P271). An approved NIOSH respirator should be worn if exposure limits are excessive. Wear splash resistant safety goggles with a shield. Eye wash stations are important to have nearby in case of accident.

OSHA (PEL): 2.4mg/m³[respirable, <5% SiO₂](TWA) ACGIH TLV:N/A

10mg/m³(%SiO₂+2) [respirable, <5% SiO₂](TWA)

NIOSH(REL): 1mg/m³[measured according to MSHA method(CPSU)](TWA)

0.9mg/m³ [measured according to ISO/CEN/ACGIH criteria] (TWA)

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Black Powder	Odor: N/A	Specific gravity: N/A
Melting/Freezing Point: N/A	Boiling Point: N/A	Vapor Density: N/A
Refractive index: N/A	Soluble: Insoluble in water	
Flash point: N/A	Auto-Ignition Temperature: N/A	
Explosive limits, LEL Vol%: N/A	Explosive limits, UEL Vol%: N/A	

SECTION 10 — STABILITY AND REACTIVITY

Stable material at normal laboratory conditions. Not reactive at normal temperature and pressure.

Avoid: Avoid generating dust or small particulates. Heat, flames, sparks, and any other ignition sources. This material should be kept away from water supplies and sewers.

Incompatible: Oxidizing materials

Hazardous Decomposition: Oxides of Carbon Hazardous Polymerization: None

SECTION 11 — TOXICOLOGICAL INFORMATION

Exposure: Takes place by one route, inhalation.

Symptoms related to toxicology: Could cause irritation if inhaled.

Potential Health Effects:

Inhalation: Could cause irritation, chronic inhalation of coal dust may cause pneumoconiosis.

Skin, eye, and ingestion: No data presently available.

Acute Toxicity: Not classified. Rat, Intratracheal TDLo: 9.26mg/kg

Listed as NOT a carcinogen or potential carcinogen. Coal dust is listed as a Group 3(Not classifiable as to its carcinogenicity to humans) by IARC. Also, listed as not a carcinogen by OSHA and NTP.

SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicity: No data presently available.

SECTION 13 — DISPOSAL CONSIDERATIONS

Waste disposal should be done in compliance with existing federal, state and local environmental regulations. Do not contaminate any streams, lakes, or ponds.

SECTION 14 — TRANSPORT INFORMATION

United States Department of Transportation: NOT Regulated

Hazard class: N/A UN number: N/A Packing Group: N/A

SECTION 15 — REGULATORY INFORMATION

U.S. Federal Regulations

TSCA Status: Not listed on Toxic Substance Control Act Inventory List.

CERCLA Reportable Quantity: Not regulated

RCRA Status: Not regulated

SARA 313 Title III:

Section 302 Extremely Hazardous Substances: None

Section 311/312 Hazardous Categories: Chronic health and fire.

Section 313 Toxic Chemicals: None

Canadian Regulations

WHMIS: None

SECTION 16 — OTHER INFORMATION

The data and information as 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 of the information be erroneous.