

Alpha Resources Inc.

Safety Data Sheet (SDS)

Revision Date: April 29, 2015

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Platinized Carbon (10% Platinum)

AEB1005

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

This material is NOT considered hazardous according to GHS standard. It's good practice to treat all lab consumables with caution.

Even though NOT considered hazardous, reactions among some chemicals are somewhat unpredictable. For this reason even non-hazardous materials shouldn't be treated carelessly.

SECTION 3— COMPOSITION, INFORMATION ON INGREDIENTS

Component	CAS #	Common %
Carbon	7440-44-0	<100
Platinum	7440-06-4	<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 stops provide artificial respiration when authorized. Seek medical attention

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 soap and water. (P302+P352)

If swallowed: Rinse mouth if conscious. Call a physician if you feel unwell. DON'T INDUCE VOMITING.

SECTION 5 — FIRE FIGHTING MEASURES

Extinguishing Media: Alcohol resistant foam, carbon dioxide, dry chemical, or water spray.

Fire Fighting Instructions: Firefighters should self-contained breathing apparatus when necessary. Also, where suitable protective clothing and take the proper precautions.

Special hazards arising from the substance: N/A

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Precautions: Avoid skin and eye contact. Use appropriate personal protection equipment. This material should be swept up and placed into a sealed, labeled vessel for disposal. Don't raise dust when sweeping. Wash the contaminated area once the sweeping has taken place. Ventilation must be available or respiratory might be only way to avoid over exposure. Don't breathe gas/fumes/vapors/spray. Move personnel to a safe area.

Environmental precautions: Don't allow to enter water ways or drains.

SECTION 7 — HANDLING AND STORAGE

Handling: This material is to be handled carefully with the appropriate personal protective equipment. Ensure adequate ventilation where necessary to work with material. Avoid dust formation. Wash hands after handling. Don't breathe dust or vapor.

Storage: This product should be stored in a cool, dry well-ventilated place and kept sealed when not in use. Store locked up if possible.

SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Wear protective gloves, protective clothing, and eye protection (P280). Wash hands thoroughly after handling (P264). An approved NIOSH respirator should be worn if exposure limits are excessive.

Component	CAS#	Value	Limits	Basis
Platinum	7440-06-4	TWA	1 mg/m ³	USA. ACGIH Threshold Limit Values (TLV)
	Remarks	Upper Respiratory Tract irritation, Asthma		
		TWA	1 mg/m ³	
		TWA	0.002mg/m ³	USA. Occupational exposure limits (OSHA) Table Z-1 limits for air contaminants
		TWA	1 mg/m ³	USA. ACGIH Threshold Limit Values (TLV)
		Upper Respiratory Tract irritation, Asthma		

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Grey granules

Odorless

Relative density: N/A

Melting Point: N/A

Boiling Point: N/A

Soluble: N/A

SECTION 10 — STABILITY AND REACTIVITY

Stability: stable under normal laboratory conditions

Avoid contact with strong oxidizing agents and moisture

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute Effects Data: Carbon

LD50 Oral-Rat:>8000mg/kg

Acute toxicity: N/A

Skin corrosion/irritation: N/A

Serious eye damage/irritation: N/A

Chronic Effects: N/A

Carcinogenicity: N/A

Target Organs: N/A

SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicity Data: Carbon

Algae EC50:10000mg/l (72hr)

Daphnia LC50:5600mg/l (24hr)

Brachydanio Rerio LC50: 1000mg/l (96hr)

Persistence and degradability: N/A

Bioaccumulative potential: N/A

Mobility in soil: N/A

Other Adverse Effects: N/A

SECTION 13 — DISPOSAL CONSIDERATIONS

Waste disposal should be done in compliance with existing federal, state and local environmental regulations. Dispose of contaminated packaging as you would unused product.

SECTION 14 — TRANSPORT INFORMATION

Not a dangerous good for transportation.

SECTION 15 — REGULATORY INFORMATION

SARA 302 Components: No chemicals in this material are subject to the reporting requirements of title III.

SARA 313 Components: This material doesn't contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, section 313.

SARA 311/312 Hazards: N/A

Massachusetts RTK Components: Platinum CAS#7440-06-4

Pennsylvania RTK Components: Platinum CAS#7440-06-4

New Jersey RTK Components: Platinum CAS#7440-06-4

Pennsylvania RTK Components: Activated Carbon Not transportation regulated CAS#7440-44-0

New Jersey RTK Components: Activated Carbon Not transportation regulated CAS#7440-44-0

California Prop 65: No chemicals in this material known to cause cancer, birth defects, or any other reproductive harm.

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.
