



# Material Safety Data Sheet

## Section 1 - Product Identification and Use

Product Identifier: **PURACITE (FILTER ANTHRACITE)**, various sizes

Product Use: Water filtration & treatment

Manufacturer's Name:

EGL Puracite Limited  
Ammanford  
Carmarthanshire, UK SA18 2LF

Supplier's Name:

AWI (Anthratech Western Inc.)  
4450 – 46 Avenue, SE  
Calgary, Alberta Canada T2B 3N7

Emergency Phone: +44(0) 1883 717175

Emergency Phone: [403] 255-7377

\* Puracite Filter Anthracite is manufactured by EGL Puracite Limited and is distributed by AWI.

## Section 2 - Hazardous Ingredients

<u>Chemical Name</u>	<u>Trade Name</u>	<u>CAS</u>	<u>OSHA/PEL</u>	<u>ACCIH/TLV</u>
Anthracite	Coal	8029-10-5	2mg/M3	2mg/M3

## Section 3 - Physical Data

Physical State: Inert  
Odour & Appearance: Odourless - granular or lumpy in appearance, solid, black  
Specific Gravity: 1.4 – 1.6 +/- .05  
Melting Point: 1450 °C

## Section 4 - Fire and Explosion Data

Flammable: No  
Flash Point: Ignition Temp: 925 °C in air  
Extinguishing Media: Water is most effective but dry chemical can be used. Do not use water in enclosed spaces as further flammable gasses may be generated.  
Hazardous Combustion Products: None  
Produces carbon monoxide when burnt in restricted supply of oxygen.  
No fire hazard when stored at ambient temperatures. Fire risk increases when the material is heated.  
**DUST EXPLOSION HAZARD**

## Section 5 - Reactivity Data

Chemical Stability: Material is stable  
Incompatibility: Avoid strong oxidizers  
Reactivity: None

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## Section 6 - Toxicological Properties

Inhalation of dust in dry state could aggravate existing respiratory problems. Remove victim to fresh air.  
Route of entry: Inhalation only  
Prolonged exposure to coal dust is known to cause Coal Worker's Pneumoconiosis.

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## Section 7 - Preventive Measures

Approved respirator NIOSH/OHSA or dual cartridge  
Gloves: Standard Work Gloves  
Respirator: See above  
Eye: Approved Glasses or Goggles  
Footwear: Standard Footwear  
Clothing: Standard Workwear  
Other: Local exhaust - fan (only for confined areas)

Engineering Controls (Specify, e.g. Ventilation, Enclosed Process): Adequate ventilation recommended for dry handling.  
Sweep or vacuum material in a manner as not to create fugitive dust.  
Approved landfill sites.  
Handling Procedures and Equipment: Use methods that create little or no dust.  
Material has indefinite shelf life: No precautions needed  
Special Shipping Requirements: No special requirements needed  
Storage: Away from oxidizing agents, away from direct sunlight.

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## Section 8 - First Aid Measures

Eyes: If particles come in contact with eyes, flush with water. If irritation persists, seek medical attention.  
Skin: Product can be cleaned off skin easily with soap and water.  
Mouth: If particles come in contact with mouth, wash thoroughly with water.  
Lungs: Remove from exposure.  
Gross inhalation: Remove to fresh air. Administer oxygen if required.

**W.H.M.I.S.**      **Classification**      **D-2**

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## Section 9 - Preparation & Date of MSDS

Prepared by: Craig Morris (Safety Officer)  
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Telephone: [403] 255-7377  
Date Prepared: January 14, 2013

The information contained herein is accurate to the best of our knowledge. However, data, safety standards and government regulations are subject to change, and conditions of handling, use or misuse of this product are beyond our control. Users should satisfy themselves that they are aware of all of the current data relevant to their particular use.