



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

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.

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.

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**

Section 9 - Preparation & Date of MSDS

Prepared by: Kellsie Donaldson (Safety Officer)
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Date Prepared: January 19, 2010

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.