



SAFETY DATA SHEET

SECTION I – PRODUCT AND SUPPLIER INFORMATION

PRODUCT

Anthracite Coal

PRODUCT USE

Water treatment filter media

Supplier: Target Products Ltd,
Five Concourse Parkway, Suite 1900
Atlanta, GA 30328

Emergency Response Telephone: INFOTRAC (800) 535-5053

SECTION II - HAZARD IDENTIFICATION

Hazard-determining components of labeling

2.1 Classification of the substance or mixture

Specific Target Organ Toxicity Repeat Exposure – Category 2 (respiratory system, lungs)

2.2a Signal word WARNING

2.2b Hazard Statements

May form combustible dust concentrations in air.
May cause damage to lungs through prolonged or repeated inhalation

2.2c Pictograms



2.2d Precautionary statements

Keep away from open flames.
Do not handle until all safety precautions have been read and understood.
Do not breathe dust.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately seek medical advice or attention if symptoms are significant or persist.

Dispose of contents/containers in accordance with all regulations.

2.3 Additional Information

2.3a HNOC – Hazards not otherwise classified: None known.

2.3b Unknown Acute Toxicity: None

SECTION III - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Hazardous Components</u>	<u>CAS No.</u>	<u>% by Weight</u>
Anthracite Coal	8029-10-5	100

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SECTION IV – FIRST AID MEASURES

4.1 Description of the first-aid measures

General information:

After inhalation: Remove person to fresh air and keep comfortable for breathing.

After skin contact: Rinse skin with water.

After eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

After swallowing: If conscious, have the victim drink plenty of water and call a physician immediately. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms/effects, acute and delayed

Inhalation: Prolonged or repeated inhalation of respirable silica from this product can cause silicosis.

Skin contact: Causes mechanical skin irritation.

Eye Contact: Causes eye irritation if particles or dust get in eye.

Ingestion: Ingestion of large quantities may cause discomfort and/or distress, nausea or vomiting.

4.3 Indication of immediate medical attention and special treatment needed:

Immediately seek medical advice or attention if symptoms are significant or persist.

SECTION V - FIRE FIGHTING MEASURES

5.1 Flammability of the Product: Flammable

5.2 Suitable extinguishing agents: Treat for surrounding material

5.3 Special hazards arising from the substance or mixture: None

5.3a Products of Combustion: Carbon dioxide, oxides of Sulphur and nitrogen, and in the case of incomplete combustion, carbon monoxide and acrid smoke.

5.3b Explosion Hazards in Presence of Various Substances: Non-explosive in presence of shocks

SECTION VI – ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures: Wear personal protective equipment (See section VIII). Keep unprotected persons away.

6.2 Methods and material for containment and cleaning up:

Do not allow to enter sewers/ surface or ground water. Dispose of unwanted materials and containers properly in accordance with all regulations.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND STORAGE

7.1 Handling

Precautions for safe handling: Handle in a manner which minimizes dust generation.

7.2 Storage

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Keep out of the reach of children.

SECTION VIII – EXPOSURE CONTROL MEASURES / PERSONAL PROTECTION

8.1 Components with limit values that require monitoring at the workplace:

Hazardous Components	CAS No.	PEL (OSHA) mg/M ³	TLV (ACGIH) mg/M ³
Anthracite Coal	8029-10-5	10 (dust), 5 (resp)	10

8.2 Exposure Controls

Use ventilation adequate to keep exposures below recommended exposure limits.

8.3 General protective and hygienic measures

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

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8.3a Personal protective equipment

Protection of hands:

Wear gloves of adequate length to offer appropriate skin protection from incidental contact. General duty work gloves have been found to offer adequate protection for most intended uses.

Eye protection:

Wear approved eye protection properly fitted dust- proof chemical safety glasses.

Respiratory protection:

A NIOSH-approved dust mask or filtering face piece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional, following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2).

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

General Information

Appearance

Form: Solid

Color: Black

Odor: None

pH-value at 20°C (68 °F):

Not applicable

Boiling point/Boiling range:

Not applicable

Flash point:

925°C (in air)

Auto igniting:

Not established

Vapor pressure at 21°C (70°F)

Not applicable

Density at 25°C (77 °F):

Not available

Specific Gravity (water =1):

1.6 – 1.7

Solubility in / Miscibility with

Water:

Marginal

VOC content:

0 g/L VOC

SECTION X – STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under normal storage conditions. Keep in dry storage.

10.3 Possibility of hazardous reaction

No dangerous reaction known under conditions of normal use.

10.4 Thermal decomposition / conditions to be avoided

No decomposition if used according to specifications.

10.5 Incompatible materials

None

10.6 Hazardous Decomposition or By-products

Miscellaneous combustion decomposition products – oxides of carbon, nitrogen and sulfur.

SECTION XI – TOXICOLOGICAL INFORMATION

11.1 Exposure Routes: Inhalation, skin contact, eye contact, or ingestion.

11.2 Symptoms related to physical/chemical/toxicological characteristics:

Inhalation: Prolonged or repeated inhalation of this product can cause lung damage. Excessive, long-term exposure by inhalation of coal dust may lead to a condition called workers' pneumoconiosis (or "Black Lung"). This condition may be characterized by cough, shortness of breath, reduced pulmonary function, pulmonary hypertension, bronchitis, emphysema and premature death.

Skin contact: May cause mechanical skin irritation.

Eye Contact: Causes eye irritation if particles or dust gets in eye.

Ingestion: Ingestion of large quantities may cause discomfort and/or distress.

11.3 Delayed, immediate and chronic effects of short-term and long-term exposure

Short Term

Skin Corrosion/Irritation: Not applicable

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Serious Eye Damage/Irritation: Causes eye irritation if particles or dust gets in eye
Respiratory Sensitization: Not applicable
Skin Sensitization: Not applicable
Specific Target Organ Toxicity-Single Exposure: Not applicable
Aspiration Hazard: Not applicable

Long Term

Carcinogenicity: Suspected of causing cancer through chronic inhalation. See 11.2 above.
Germ Cell Mutagenicity: Not applicable
Reproductive Toxicity: Not applicable
Specific Target Organ Toxicity- Repeated Exposure: (Category 2) May cause damage to lungs through prolonged/repeated exposure
Synergistic/Antagonistic Effects: Not applicable

SECTION XII – ECOLOGICAL INFORMATION

12.1 Ecotoxicity

No further relevant information available.

12.2 Persistence and degradability

No further relevant information available.

12.3 Bioaccumulative potential:

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

12.5 Other Adverse Effects

No further relevant information available.

SECTION XIII – DISPOSAL CONSIDERATIONS

13.1 Waste Disposal Method

The packaging and material may be land filled; however, material should be covered to minimize generation of airborne dust. Disposal by burning of coal may be controlled in some jurisdictions due to Sulphur content. Disposal must be made in accordance with local, state and federal regulations.

13.2 Other disposal considerations

Uncleaned packaging

Recommendation: Disposal must be made in accordance with local, state and federal regulations.

Recommended cleansing agent: Water, if necessary with cleansing agents.

SECTION XIV – TRANSPORT INFORMATION

	DOT (U.S.)	TDG (Canada)
UN-Number	Not Regulated	Not Regulated
UN proper shipping name	Not Regulated	Not Regulated
Transport Hazard Class(es)	Not Regulated	Not Regulated
Packing Group (if applicable)	Not Regulated	Not Regulated

14.1 Environmental hazards:

Not applicable

14.2 Transport in bulk according to Annex II of Marpol 73/78 and the IBC Code

Not applicable

14.3 Special precautions for user

Do not handle until all safety precautions have been read and understood.

SECTION XV – OTHER REGULATORY INFORMATION

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15.1 Safety, Health and Environmental Regulations/Legislations specific for the chemical

Canada

WHMIS Classification: Does not meet criteria.

15.4 Global Inventories

DSL All components of this product are on the Canadian DSL list.

TSCA No.: All constituents are listed in the TSCA inventory.

SECTION XVI – OTHER INFORMATION

Last Updated: April 2, 2018

NOTE: The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products.

Prepared by

Target Products, Ltd.
Phone 1.604.856.7976
www.TargetProducts.com

End of SDS