

Material Safety Data Sheet

Anthracite

Section 1: Chemical Product and Company Identification

Product Name : Anthracite
Synonyms : Coal
Company Identification : Tradeasia International Pte Ltd
Email : contact@chemtradeasia.com

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS#	% by Weight
Anthracite	8029-10-5	100

Section 3: Hazards Identification

Emergency overview

CAUTION May cause chronic toxic effects. Potential short term health effects:

Routes of exposure: Eye, Skin contact, Inhalation, Ingestion.

Eyes: May cause irritation.

Skin: May cause irritation.

Inhalation: Dusts of this product may cause irritation of the nose, throat, and respiratory tract.

Prolonged or repeated inhalation may cause lung damage.

Ingestion: May cause stomach distress, nausea or vomiting.

Target organs: Eyes. Skin. Lungs.

Chronic effects: Prolonged or repeated exposure can cause drying, defatting and dermatitis. May cause delayed lung damage.

Signs and symptoms: Symptoms may include redness, edema, drying, defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

OSHA Regulatory Status: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Potential environmental effects: Not available

Section 4: First Aid Measures

First Aid Procedures:

Eye contact: Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.

Skin contact: Brush away excess of dry material. Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.

Inhalation: If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion: Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

General advice:

If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

Section 5: Fire and Explosion Data

Flammable properties: Not flammable by WHMIS/OSHA criteria. **Extinguishing media:**

Suitable extinguishing media: Dry chemical, CO₂, water spray or regular foam.

Unsuitable extinguishing media: Not available

Protection of firefighters:

Specific hazards arising from the chemical: Not available

Protective equipment for firefighters: Firefighters should wear full protective clothing including self-contained breathing apparatus.

Hazardous combustion products: May include and are not limited to: Oxides of carbon. Oxides of nitrogen. Oxides of sulphur.

Explosion data:

Sensitivity to mechanical impact: Not available

Sensitivity to static discharge: Not available

Section 6: Accidental Release Measures

Personal precautions:

Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.

Environmental precautions: Prevent entry into waterways, sewers, basements or confined areas.

Methods for containment: Stop the flow of material, if this is without risk.

Methods for cleaning up:

Before attempting clean up, refer to hazard data given above. Use broom or dry vacuum to collect material for proper disposal without raising dust. Rinse area with water. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

Section 7: Handling and Storage

Handling:

Use good industrial hygiene practices in handling this material. Avoid breathing dust. Use only with adequate ventilation. Wash thoroughly after handling.

Storage:

Keep out of reach of children. Store in a closed container away from incompatible materials.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: General ventilation normally adequate.

Personal protective equipment:

Eye / face protection: Wear safety glasses with side shields.

Hand protection: Rubber gloves. Confirm with a reputable supplier first.

Skin and body protection: As required by employer code.

Respiratory protection: Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

Section 9: Physical and Chemical Properties

Appearance: Granule

Color: Black

Form: Solid

Odor: Odorless

Odor threshold: Not available

Physical state: Solid

pH: Not available

Melting point: Not available

Freezing point: Not available

Boiling point: Not available

Pour point: Not available

Evaporation rate: Not available

Flash point: Not available

Auto-ignition temperature: Not available

Flammability limits in air, lower, % by volume: Not applicable

Flammability limits in air, upper, % by volume: Not applicable

Vapor pressure: Not available

Vapor density: Not available

Specific gravity: 1.6

Octanol/water coefficient: Not available

Solubility (H₂O): Insoluble

Percent volatile: Not available

Section 10: Stability and Reactivity Data

Reactivity: None known.

Possibility of hazardous reactions: Hazardous polymerization does not occur.

Chemical stability: Stable under recommended storage conditions.

Conditions to avoid: Do not mix with other chemicals. Avoid dust generation.

Incompatible materials: Oxidizers.

Hazardous decomposition products: May include and are not limited to: Oxides of carbon. Oxides of nitrogen. Oxides of sulfur.

Section 11: Toxicological Information

Effects of acute exposure:

Eye: May cause irritation.

Skin: May cause irritation.

Inhalation: Dusts of this product may cause irritation of the nose, throat, and respiratory tract. Prolonged or repeated inhalation may cause lung damage.

Ingestion: May cause stomach distress, nausea or vomiting.

Sensitization: Non-hazardous by WHMIS/OSHA criteria.

Chronic effects: Prolonged or repeated exposure may cause lung injury.

Carcinogenicity: See below.

ACGIH - Threshold Limit Values - Carcinogens

Coal, anthracite 8029-10-5 A4 - Not Classifiable as a Human Carcinogen

Mutagenicity: Non-hazardous by WHMIS/OSHA criteria.

Reproductive effects: Non-hazardous by WHMIS/OSHA criteria.

Teratogenicity: Non-hazardous by WHMIS/OSHA criteria.

Name of Toxicologically Synergistic Products: Not available

Section 12: Ecological Information

Ecotoxicity: Not available

Persistence / degradability: Not available

Bioaccumulation / accumulation: Not available

Mobility in environmental media: Not available

Environmental effects: Not available

Aquatic toxicity: Not available

Partition coefficient: Not available

Chemical fate information: Not available

Other adverse effects: Not available

Section 13: Disposal Considerations

Disposal instructions: Review federal, state/provincial, and local government requirements prior to disposal.

Waste from residues / unused products: Not available

Contaminated packaging: Not available

Section 14: Transport Information

U.S. Department of Transportation (DOT): Not regulated as dangerous goods.

Transportation of Dangerous Goods (TDG - Canada): Not regulated as dangerous goods.

Section 15: Other Regulatory Information

Canadian federal regulations:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. WHMIS status: Controlled

WHMIS classification: Class D - Division 2B Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories: Immediate Hazard - No

Delayed Hazard - Yes

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No Section 302 extremely hazardous substance: No

Section 311 hazardous chemical: Yes

Clean Air Act (CAA): Not available

Clean Water Act (CWA): Not available

State regulations: This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall Tradeasia International Pte. Ltd. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Tradeasia International Pte. Ltd. has been advised of the possibility of such damages.