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Material Safety Data Sheet (MSDS)

Section 1: Chemical Product and Company Identification	
Product Name	Activated Carbon
CAS Number	7440-44-0
Chemical Formula	C
Company Name	CAMACHEM (Part of CAMAL Group) 3F Jinlong East Beijing Station Road Chaoyang District, Beijing, China
Contact	sales@camachem.com
Company Website	www.camachem.com
Section 2: Composition and Information on Ingredients	
Ingredient	Carbon
CAS No.	7440-44-0
Content	100
Section 3: Hazards Identification	
Emergency Overview:	May cause respiratory tract irritation. May cause central nervous system effects. May cause lung damage. May cause mechanical eye and skin irritation.
Potential Acute Health Effects	Chronic inhalation may lead to decreased pulmonary function
Routes of entry:	Inhalation
Target organs:	Lungs
Skin contact:	Dust causes mechanical irritation
Eye contact:	Dust may cause mechanical irritation. May cause lacrimation (tearing), blurred vision, and photophobia. May cause chemical conjunctivitis and corneal damage.
Inhalation:	May cause lung damage. Olfactory fatigue may occur. Can produce delayed pulmonary edema. Inhalation of dusts cause severe irritation of the upper respiratory tract, gastrointestinal disturbances, albuminuria, gradual loss of weight, and increasing weakness.
Ingestion:	May cause nausea, vomiting, abdominal pain, and

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	increased salivation
Chronic Exposure:	Chronic inhalation may lead to decreased pulmonary function
Explanation of carcinogenicity:	
Medical conditions aggravated by exposure:	
Section 4: First Aid Measures	
Inhalation:	Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
Ingestion:	Do not induce vomiting. If victim is conscious and alert, give 2-4 cupful of milk or water. Never give anything by mouth to an unconscious person. Get medical aid.
Skin:	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse.
Eye:	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Advice to Doctor:	
Section 5: Fire and Explosion Data	
Flash Point:	Auto ignition point 452 deg C (845.60 deg F) Flash point not applicable
Combustion Products:	Not available
Extinguishing Media:	For large fires, use water spray, fog or regular foam. For small fires, use dry chemical, carbon dioxide, sand, earth, water spray or regular foam. Cool containers with flooding quantities of water until well after fire is out.
Protective Equipment:	Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Skin: Wear appropriate gloves to prevent skin exposure. Clothing: Wear appropriate protective clothing to minimize contact with skin. Respirators:

	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
HAZCHEM Code:	
Section 6: Accidental Release Measures	
Spills and Disposal:	Vacuum or sweep up material and place into a suitable disposal container. Scoop up with a nonsparking tool, then place into a suitable container for disposal. Avoid generating dusty conditions. Remove all sources of ignition
Protective Clothing:	See section above
Environmental:	
Section 7: Handling and Storage	
Handling:	Minimize dust generation and accumulation
Storage:	Keep from contact with oxidizing materials.
Other Information:	
Section 8: Exposure Controls/Personal Protection	
Exposure Limits:	LD50: Not available. LC50: Not available
Protective Equipment:	See section above
Engineering Controls:	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Hygiene Precautions:	Not available
Section 9: Physical and Chemical Properties	
Appearance:	Solid. (Solid powder.)
Odour:	Odorless.
Specific Gravity:	3.51 (Water = 1)
Bulk Density:	
pH:	Not applicable.
Solubility in Water:	Insoluble in cold water, hot water.
Flash Point:	Not Available
Melting Point:	3500°C (6332°F)
Other Information:	
Section 10: Stability and Reactivity Data	
Stability:	The product is stable
Hazardous Decomposition Products:	Heat, ignition sources (flames, sparks), air, incompatible materials

Conditions to Avoid:	Dust generation, moisture, excess heat
Materials to Avoid:	Oxidizing agents, alkali metals, iron oxide, lead oxide, liquid oxygen, manganese oxide, metallic salts, chlorinated paraffins, dibenzoyl peroxide, 1,4-diazabicyclo{2.2.2}octane, olybdenum(IV) oxide, nitrobenzaldehyde, potassium hydroxide, sodium hydrogen carbonate.
Section 11: Toxicological Information	
ERMA Classification:	
Ingestion:	CARBON - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.
Inhalation:	Not Available
Skin:	Not Available
Eye:	Not Available
Chronic Effects:	Not Available
Other Information:	
Section 12: Ecological Information	
ERMA Classification:	
Ecotoxicity:	Not Available
Section 13: Disposal Considerations	
Product Disposal:	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Container Disposal:	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Section 14: Transport Information	
UN Number:	Not listed
Proper Shipping Name:	Not listed
DG Class:	Not listed
UN Packing Group:	Not listed
Other Information:	
Section 15: Other Regulatory Information	
Not regulated	
Section 16: Other Information	



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