

MATERIAL SAFETY DATA SHEET

Emergency Telephone No: (360) 699-7392

Revision Date: 3/2002

SECTION I - SUBSTANCE IDENTIFICATION

Product Name: CGV, CGR, NGV, NGR, MGR, CEV

CAS Number: 7440-44-0 **Formula:** C **H.M.I.S. Rating:** H=1, F=1, R=1, PP=E

Chemical Name: Carbon, Activated Carbon, Charcoal, Activated Charcoal

SECTION II - HAZARDOUS INGREDIENTS

This material is 100% activated carbon. There are no established PEL, TWA or TLV values for this material. Caution should be taken for respirable dust. The ACGIH TWA for respirable dust is 2.5 mg/m³. This product has no carcinogenic properties.

SECTION III - PHYSICAL DATA

Description: Colorless black solid, granule, pellet, or flake.

Vapor Pressure: N/A

Boiling Point: N/A

Volatile Percent: N/A

Vapor Density: N/A

Solubility: Not soluble

Apparent Density: 0.3 to 0.7 g/cc

Stability: Stable

Incompatibility: Avoid contact with strong oxidizers.

SECTION IV - FIRE & EXPLOSION HAZARDS

Flash Point: N/A

Extinguishing Media: Water, foam, CO₂, or dry chemical

Special Procedures: None

Decomposition Products: CO may be formed in a fire

Unusual Fire & Explosion Hazards: Contact with strong oxidizers may result in fire

SECTION V - HEALTH DATA

Overexposure Effects: This product is non-toxic through ingestion. It is non-toxic through skin absorption. It is not

primary skin irritant. No sensitization effects are known. It is non-toxic through inhalation. Due to its physical properties, carbon dust may irritate the respiratory system and produce eye irritation.

First Aid: In case of eye contact, flush with water for at least 15 minutes. Contact a doctor immediately. For inhalation, remove the person from the area.

SECTION VI - SPILL OR LEAK PROCEDURES

Reportable Quantities: No EPA RQ for this product.

If Spilled or Leaked: Sweep/shovel up and discard or repackage.

Waste Disposal Method: Unused carbon may be disposed of in refuse container.

SECTION VII - HANDLING & STORAGE

Protective Gloves: Recommended.

Eye Protection: Safety glasses/goggles recommended.

Other Protective Clothing: None required.

Ventilation: Local exhaust to control dust.

Respiratory Protection: A high efficiency particulate filter is recommended for dust.

Work/Hygienic Practices: Wash thoroughly after handling.

SECTION VIII - SPECIAL PRECAUTIONS

Wet activated carbon removes oxygen from air causing a severe hazard to workers in confined spaces. Sampling and work procedures for low oxygen levels should be taken to ensure ample oxygen availability, in accordance with all local, state and federal regulations.

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