

1. IDENTIFICATION

IDENTIFIER (AS LABELED): Activated Charcoal
RECOMMENDED USE/RESTRICTION: Purification/Detoxification
MANUFACTURER'S NAME: Belle Chemical
ADDRESS: PO Box 21874
Billings, MT 59104
EMERGENCY PHONE: CHEMTREC (800) 262-8200
BUSINESS PHONE: 406-672-5899

Health	0
Fire	0
Reactivity	0

2. HAZARD(S) IDENTIFICATION

HAZARD CLASSIFICATION: Specific Target Organ Toxicity, Single Exposure (3)
SIGNAL WORD: Warning
HAZARD STATEMENT(S): Causes respiratory irritation in large concentrations.



SYMBOL(S):
PRECAUTIONARY STATEMENT(S): Avoid breathing dusts. Keep out of reach of children. Use only outdoors or in a well-ventilated area.
HAZARDS NOT CLASSIFIED: Wet activated carbon readily removes oxygen from air causing a severe hazard in confined or enclosed spaces.
UNKNOWN ACUTE TOXICITY: Not Applicable

3. COMPOSITION/INFORMATION ON INGREDIENT(S)

CHEMICAL NAME	CAS #	% w/w	EXPOSURE LIMITS IN AIR					
			ACGIH		OSHA		NIOSH	
			TLV TWA	STEL	PEL	STEL	IDLH	REL
Carbon, Activated	7440-44-0	100	10mg/m ³ (INHALABLE)	NE	15mg/m ³ (DUST)	NE	NE	NE

4. FIRST-AID MEASURES

INHALATION: Remove person to fresh air and keep comfortable for breathing. Seek medical attention if irritation persists.
EYES: Hold eyelids open and flush with a steady stream of water for 20 minutes. Seek medical attention if irritation persists.
SKIN: Wash affected area with soap and water. Seek medical attention if irritation persists.
INGESTION: Rinse mouth. **DO NOT INDUCE VOMITING** unless directed by a medical professional. Seek medical attention if unwell.

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MATERIALS: Use extinguishing media applicable to the surrounding fire.
SPECIAL EQUIPMENT: Use water spray to cool containers. Wear full protective clothing and self-contained breathing apparatus (SCBA).
SPECIFIC HAZARDS: When heated to decomposition, this product may emit carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK RESPONSE: Contain material and use as intended, or discard according to Federal, State and local regulations.

7. HANDLING and STORAGE

SAFE HANDLING: Wash hands after handling material. Do not eat, drink, or smoke while handling material. Do not get in eyes.
SAFE STORAGE: Store in cool, dry, well-ventilated area away from incompatible materials. Do not store in enclosed areas.

8. EXPOSURE CONTROLS - PERSONAL PROTECTION

ENGINEERING CONTROLS: Use with adequate ventilation in open-atmosphere areas, or sealed containers.
RESPIRATORY: NIOSH-approved respirator
HAND: Hand protection made of compatible material
OTHER PROTECTIVE MEASURES: Eye wash fluid should be accessible in case of eye irritation due to exposure
EYE: Face shield and goggles
BODY: Appropriate for exposure or work environment

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Black Powder
PH: Not Applicable
FLASH POINT: Not Established
UEL / LEL: Not Established
RELATIVE DENSITY: ~0.55
AUTO-IGNITION: Not Established
ODOR: Not Established
MELT/FREEZE POINT: Not Established
EVAPORATION RATE: Not Established
VAPOR PRESSURE: Not Established
SOLUBILITY(IES): Insoluble in water
DECOMPOSITION TEMP: Not Established
ODOR THRESHOLD: Not Established
BOILING POINT/RANGE: Not Established
FLAMMABILITY: >220°C
VAPOR DENSITY: Not Established
PARTITION COEFFICIENT: Not Established
VISCOSITY: Not Established

10. STABILITY AND REACTIVITY

REACTIVITY: Wet material will readily adsorb oxygen from air

CHEMICAL STABILITY: High concentrations of organics in air will cause temperature rise due to oxygen removal.

CONDITIONS TO AVOID: Moisture.

INCOMPATIBLE MATERIALS: Alkali metals and oxidizers.

HAZARDOUS POLYMERIZATION: Will not occur

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Not considered toxic.

NTP/IARC SUSPECTED CARCINOGEN: Not suspected.

SYMPTOMS OF EXPOSURE: May cause serious eye irritation and respiratory irritation.

TOXICITY ESTIMATE(S): Not considered toxic.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: Not considered toxic

PERSISTENCE AND DEGRADABILITY: Biodegradable

BIOACCUMULATIVE POTENTIAL: Product is biodegradable and non-accumulative

MOBILITY IN SOIL: Not tested as a whole

OTHER ADVERSE EFFECTS: None

13. DISPOSAL CONSIDERATIONS

SAFE HANDLING AND DISPOSAL: Waste disposal must be in accordance with appropriate Federal, State, and local regulations. Hazard classification should be determined by the adsorbate that the carbon has picked up.

14. TRANSPORTATION INFORMATION

UN NUMBER/SHIPPING NAME: Not regulated as dangerous goods

TRANSPORT HAZARD CLASS(ES): No requirements

DOT: Not regulated as dangerous goods

PACKING GROUP: No requirements

ENVIRONMENTAL HAZARDS: No

TRANSPORT IN BULK: None

SPECIAL PRECAUTIONS: None

15. REGULATORY INFORMATION

SARA 302: No requirements.

SARA 311/312: No requirements.

SARA 313: No requirements.

TSCA STATUS: All constituents.

CALIFORNIA PROPOSITION 65: Not found.

CERCLA (RQ): No requirements.

STATE REGULATIONS: No requirements.

EUROPEAN INVENTORY: Constituents of this product are listed on EINECS

16. OTHER INFORMATION

The information and recommendations herein are taken from data contained in independent industry recognized references including NIOSH, OSHA, ANSI, and NFPA. No guarantee, express or implied, and no liability is assumed by Belle Chemical in conjunction with the use of this information.

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