

Section 1 Identification

Page E1 of E2



**Aldon
Corporation**

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**CHEMTREC 24 Hour Emergency
Phone Number (800) 424-9300**
For laboratory and industrial use only.
Not for drug, food or household use.

Product PELLITIZED ACTIVATED CARBON

Synonyms None

Section 2 Hazards identification

Signal word: WARNING

Pictograms: GHS07

Target organs: Respiratory system, Eyes



GHS Classification:

Eye irritation (Category 2B)

STOT (Category SE 3)

GHS Label information: Hazard statement:

H320: Causes eye irritation.

H335: May cause respiratory irritation.

Precautionary statement:

P264: Wash hands thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312: Call a POISON CENTER or doctor if you feel unwell.

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

P501: Dispose of contents/container to a licensed chemical disposal agency in accordance with local/regional/national regulations.

Note 1: Under the UN classification for activated carbon, all activated carbons have been identified as a class 4.2 product. However, this product has been tested according to the United Nations Transport of Dangerous Goods test protocol for a "self-heating substance" (United Nations Transportation of Dangerous Goods, Manual of Tests and Criteria, Part III, Section 33.3.1.6 - Test N.4 - Test Method for Self-Heating Substances) and it has been specifically determined that this product does not meet the definition of a self-heating substance (class 4.2) or any other hazard class, and therefore should not be listed as a hazardous material. This information is applicable only for the Activated Carbon Product identified in this document.

Hazards not otherwise classified:

Health hazards not otherwise classified (HHNOC) - Combustible dust

Physical hazards not otherwise classified (PHNOC) - Not Known

Section 3 Composition / information on ingredients

Chemical Name	CAS #	%	EINECS
Carbon	7440-44-0	100%	231-153-3

Section 4 First aid measures

INGESTION: MAY BE HARMFUL IF SWALLOWED. If the material is swallowed, get immediate medical attention or advice. DO NOT induce vomiting unless directed to do so by medical personnel.

INHALATION: MAY CAUSE RESPIRATORY IRRITATION. Remove person to fresh air. If not breathing, administer CPR or artificial respiration. Get immediate medical attention.

EYE CONTACT: CAUSES SERIOUS EYE DAMAGE. Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, get medical attention.

SKIN ABSORPTION: MAY CAUSE SKIN IRRITATION. If skin reddening or irritation develops, seek medical attention.

Section 5 Fire fighting measures

Suitable Extinguishing Media: In case of fire, flood with plenty of water.

Protective Actions for Fire-fighters: Firefighters should wear full protective gear.

Specific Hazards: Contact with strong oxidizers such as ozone, liquid oxygen, chlorine, etc. may result in fire.

Section 6 Accidental release measures

Personal Precautions: Use proper personal protective equipment as indicated in Section 8. Avoid contact with the skin and eyes.

Environmental Precautions: Avoid runoff into storm sewers and ditches which lead to waterways.

Containment and Cleanup: Remove all sources of ignition. Shovel or sweep up and place in closed container for proper disposal. Wash spill area with soap and water.

Precautions for Safe Handling: Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes. Do not inhale dusts. Use with adequate ventilation. Wet activated carbon removes oxygen from air causing severe hazard to workers inside carbon vessels or confined space. Wash thoroughly after handling. Remove and wash clothing before reuse.

Conditions for Safe Storage: Protect containers from physical damage. Store in dry, cool, well-ventilated area.

Section 8 Exposure controls / personal protection

Exposure Limits:	Chemical Name	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)
	None established	None established	None established	None established

Engineering controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or faceshield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

Respiratory protection: None should be needed in normal laboratory handling at room temperatures. If dusty conditions prevail, work in fume hood or wear a NIOSH/MSHA-approved respirator.

Section 9 Physical and chemical properties

Appearance: Solid. Black pellet. Odor: Data not available. Odor threshold: Data not available. pH: Data not available Melting / Freezing point: Data not available Boiling point: Data not available Flash point: Data not available.	Evaporation rate (= 1): Data not available Flammability (solid/gas): Data not available. Explosion limits: Lower / Upper: Data not available Vapor pressure (mm Hg): Data not available Vapor density (Air = 1): Data not available Relative density (Specific gravity): 28-33 lb/cuft Solubility(ies): Data not available.	Partition coefficient: Data not available Auto-ignition temperature: Data not available Decomposition temperature: Data not available Viscosity: Data not available. Molecular formula: Mixture Molecular weight: Mixture
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Section 10 Stability and reactivity

Chemical stability: Stable under normal conditions

Hazardous polymerization: Will not occur.

Conditions to avoid: None

Incompatible materials: Strong oxidizers and reducing agents such as ozone, liquid oxygen or chlorine.

Hazardous decomposition products: Carbon monoxide may be generated in the event of a fire.

Section 11 Toxicological information

Acute toxicity: Oral-rat LD50: >10,000 mg/kg

Skin corrosion/irritation: Not classified

Serious eye damage/irritation: Causes eye irritation

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Ca Prop 65: This product does not contain any chemicals known to the State of California to cause cancer or reproductive toxicity.

Reproductive toxicity: Not classified

STOT-single exposure: May cause respiratory irritation

STOT-repeated exposure: Not classified

Aspiration hazard: Not classified

Potential health effects:

Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

Ingestion: May be harmful if swallowed.

Skin: May cause skin irritation.

Eyes: May cause eye irritation.

Signs and symptoms of exposure: To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

Section 12 Ecological information

Toxicity to fish: No data available

Toxicity to daphnia and other aquatic invertebrates: No data available

Toxicity to algae: No data available

Persistence and degradability: No data available

Bioaccumulative potential: No data available

Mobility in soil: No data available

PBT and vPvB assessment: No data available

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Section 13 Disposal considerations

These disposal guidelines are intended for the disposal of catalog-size quantities only. Federal regulations may apply to empty container. State and/or local regulations may be different. Dispose of in accordance with all local, state and federal regulations or contract with a licensed chemical disposal agency.

Section 14 Transport information

UN/NA number: Not applicable

Shipping name: Not applicable

Hazard class: Not applicable

Packing group: Not applicable

Reportable Quantity: No

Marine pollutant: No

Exceptions: Not applicable

2020 ERG Guide # Not applicable

Section 15 Regulatory information

A chemical is considered to be listed if the CAS number for the anhydrous form is on the Inventory list.

Component	TSCA	CERLCA (RQ)	RCRA code	DSL	NDSL	CA Prop 65
Activated carbon	Listed	Not listed	Not listed	Not Listed	Not listed	This product does not contain any chemicals known to the State of California to cause cancer or reproductive toxicity.

Section 16 Other information

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. NTP: National Toxicology Program, IARC: International Agency for Research on Cancer, OSHA: Occupational Safety and Health Administration, STOT: Specific Target Organ Toxicity, SE: Single Exposure, RE: Repeated Exposure, ERG: Emergency Response Guidebook.