



## **Product Safety Summary – CAC-200P**

This Product Safety Summary is a high-level summary intended to provide the public with an overview of product safety information on this chemical substance. It is not intended to provide emergency response, medical or treatment information, or to provide an overview of all safety and health information. This summary is not intended to replace the Safety Data Sheet. For detailed guidance on the use or regulatory status of this substance, please consult the Safety Data Sheet.

### **Chemical Identity**

CAC-200P  
CAS RN: 7440-44-0  
EC #: 231-153-3

Also commonly called

- Granular Activated Carbon

### **Product Overview**

- CAC-200P is a high quality, highly active, abrasion-resistant granular activated carbon for use as catalyst support in carbon beds in the Mericat™ II technology and any other hydrocarbon sweetening technologies based on a catalytic/ caustic fixed carbon bed. The media requires impregnation with MC-200L catalyst before the unit start up.
- CAC-200P is not classified as having physical or health hazards.
- The material is stable at standard temperature and pressure and is not reactive.
- For further health and safety information, please consult the SDS.

### **Physical/Chemical Properties**

- CAC-200P is a black granular solid
- pH = 3.5-8 in water
- Boiling point = Not Applicable
- Flash point = Not Applicable
- Vapor Pressure: Not Applicable
- Not an oxidizer and not explosive
- Slightly water soluble
- Stable (not reactive) at standard temperature and pressure

### **Health Information**

Wet activated carbon depletes oxygen from air and, therefore, dangerously low levels of oxygen may be encountered. Whenever workers enter a vessel containing activated carbon, the vessel's oxygen content should be determined and work procedures for potentially low oxygen areas should be followed.

Prevention: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Prevent dust accumulation to minimize explosion hazard. Observe good industrial hygiene practices.  
Response: Take off contaminated clothing and wash before reuse.

Storage: Store away from incompatible materials.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

### **Environmental Information**

Ecotoxicity: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability: No data is available on the degradability of this product.

Bioaccumulative potential: No data available.

Mobility in soil: Not available.

Other adverse effects: No data available.

### **Additional Hazards**

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this product.

### **Exposure Potential**

CAC-200P is intended as an industrial product only; no direct consumer contact is expected to occur. Industrial users should handle this material in strict accordance with safety data sheet guidelines and common industry practices.