



Product Safety Summary – CAC-120W

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-120W

CAS RN: Mixture

EC #: Mixture

Also commonly called

- Catalytic Activated Carbon

Product Overview

- CAC-120W is a high quality, highly active abrasion-resistant catalytic activated carbon for use in carbon beds in the Mericat™ II technology and any other hydrocarbon sweetening technologies based on a catalytic/caustic fixed carbon bed. The media is pre-impregnated with catalyst to minimize startup time.
- CAC-120W can cause skin corrosion/irritation and can cause serious eye damage/eye irritation.
- The material may form combustible dust concentrations in air.
- The material is stable at standard temperature and pressure and is not reactive.

Physical/Chemical Properties

- CAC-120W is a black granular solid
- pH = Not Available
- Boiling point = Not Applicable
- Flash point = Not Applicable
- Vapor Pressure: Not Applicable
- Not an oxidizer and not explosive
- Partially water soluble
- Stable (not reactive) at standard temperature and pressure

Health Information

Causes skin irritation. Causes serious eye irritation. May form combustible dust concentrations in air.

Prevention: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Wash thoroughly after handling. Wear eye protection/face protection. Wear protective gloves. Prevent dust accumulation to minimize explosion hazard. Observe good industrial hygiene practices.

Response: If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. In case of fire: Use appropriate media to extinguish.

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: A component in this product has a log Kow value of -1.31.

Mobility in soil: Not available.

Other adverse effects: No data available.

Additional Hazards

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.

Exposure Potential

CAC-120W 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.