

MATERIAL SAFETY DATA SHEET

Carbon Activated Charcoal

Page 1 of 2
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STATEMENT OF HAZARDOUS NATURE

Hazardous according to criteria of Worksafe Australia

COMPANY DETAILS

Company: ProSciTech
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IDENTIFICATION SECTION

Product Name	Carbon Activated Charcoal
Other Names	Carbon activated, powder
Product Code	C280
U.N. Number	UN1362
Dangerous Goods Class and Subsidiary Risk	4.2
Hazchem Code	1[Z]
Poison Schedule	None allocated
Use	For clarifying, deodorising, decolourising and filtering of various substances.

Physical Description and Properties

Appearance	Black odourless powder
Boiling Point/Melting Point	BP4200 ⁰ C / MP 3652 - 3697 ⁰ C
Vapour Pressure	No data
Specific Gravity	1.8 - 2.1g/cm ² @ 20 ⁰ C
Flash Point	No data
Flammability Limits	Not determined
Solubility in water	Insoluable

Other Properties

Ingredients

Chemical Name	CAS Number	Proportion
Carbon, activated	7440-44-0	100%

HEALTH HAZARD INFORMATION

Health Effects:

Acute Low hazard - Elemental carbon/carbon black is mainly a nuisance dust. It is irritating to the eyes and may cause conjunctivitis, cornea damage, and inflammation of the eye lids.

Swallowed:

Eye: Irritating effect

Skin: Irritant to skin and mucous membranes

Inhaled:

Chronic: Low hazard

First Aid:

Swallowed: Seek medical advice

Eye: Rinse opened eye for several minutes with running water. Then contact a doctor.

Skin: Immediately wash with water and soap and rinse thoroughly.

Inhaled: Supply fresh air. If required, provide artificial respiration. Keep patient warm. Seek medical advice.

First Aid Facilities: Eye bath, safety shower

Advice to Doctor

PRECAUTIONS FOR USE

Exposure Standards: None allocated

Engineering Controls: Chemical fume hood

Personal Protection: The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work. Avoid contact with eyes and skin. Use respirator when concentrations are high. Wear safety gloves, safety glasses and other protective clothing when handling this product.

Flammability: Use in well ventilated area. Keep away from ignition sources. Protect against electrostatic charges. Fumes can combine with air to form an explosive mixture.

SAFE HANDLING INFORMATION

Storage and Transport: Store in cool, dry conditions in well sealed containers. Keep from contact with oxidizing agents. Store away from halogens. **UN 1362, Hazard class: 4.2, Packing group: III,**

Spills and Disposal: **Proper Shipping Name: Carbon, activated**
Wear protective equipment. Ensure adequate ventilation. Small amounts: sweep material onto paper and place in fibre carton. Large amounts: make into small packages with paper or other flammable material for incineration. Wash area well with soap and water. Dispose by incineration according to local, state and federal laws. **DO NOT** allow substance to be released into the environment without proper governmental permits.

Fire/Explosion Hazard: Fire fighters should wear self-contained respirator, full protective clothing. Extinguishing media: use water spray, extinguishing powder, or CO₂. This product may produce toxic fumes of carbon monoxide.

OTHER INFORMATION

Incompatibilities (Materials to avoid) Strong oxidising agents, halogens.

Animal Toxicity Data: No data

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