



contact: 6610 2858 | email: contact@rawessentials.com.sg

SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION

1.1 PRODUCT IDENTIFIER

Activated Charcoal Powder
CAS NO: 7440-44-0
Components: Activated Carbon
INCI Name: Charcoal

1.2 REVELANT USAGE OF ITEM

Raw material for cosmetic formulations.
Treatment of drinking water at water treatment facilities.

1.3 Supplier Information

Raw Essentials
Contact: 6610 2858
Email: contact@rawessentials.com.sg

SECTION 2 – HAZARDS IDENTIFICATION

No general hazard statement under normal storage and uses.

SECTION 3 – FIRST AID MEASURES

Upon inhalation: Remove to fresh air, consult physician if symptoms persist.

Upon ingestion: If fully conscious, give one to two cups of water. If large amount was ingested, consult physician if signs of gastrointestinal symptoms develop.

Upon contact with eyes: Rinse out thoroughly with water, seek medical attention if irritations persist.

Upon contact with skin: Wash with soap and water, seek medical attention if irritations persist.

SECTION 4 – FIRE-FIGHTING MEASURES

4.1 Extinguishing Media

Use fine water spray or mist, dry chemical, or CO₂.
With sufficient venting, soak carbon with water or other suppressant.

4.2 Advice and Precaution for Fire-Fighters

As in any fire, wear full protective gear with self-contained breathing apparatus

4.3 Combustible Dust

May form combustible dust concentrations in air.
Keep storage area cool and avoid air flow through hot products.

4.4 Accidental Release Measures

Avoid strong ignition sources, do not use compressed air or any method to disperse the spill.

SECTION 5 – HANDLING AND STORAGE

Store in cool, dry, and well-ventilated area.

Keep away from strong oxidizers, acids, or other combustible materials.

SECTION 6 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Carbon dust is considered nuisance dust.

Ventilation should prevent airborne accumulation of dust and comply with maximum exposure limits:

15mg/m³ of total dust

5mg/m³ of respirable

Handle in accordance with good hygiene and safety practices.

Dust mask recommended, and wear suitable gloves, long sleeves and pants to protect your skin.

For eye/face protection, wear goggles or face shield.

SECTION 7 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Fine powder
Color:	Black
Odour:	Slight sulfur smell
Combustible Dust:	May form combustible dust concentrations in air.
Apparent Density:	0.5 to 0.65g/CC

SECTION 8 – STABILITY AND REACTIVITY

8.1 Stability

Stable, not self-heating.

8.2 Reactivity

Upon contact with strong oxidizers, may react with potential for fire.

8.3 Conditions to Avoid

Strong oxidizers including ozone, liquid oxygen, chlorine... etc.

Do not store near combustible materials.

SECTION 9 – TOXICOLOGICAL INFORMATION

9.1 Likely Routes of Exposure

Inhalation, ingestion.

Skin absorption highly unlikely.

9.2 Effects

Refer to Section 3 First Aid Measures.

9.3 Toxicological Data

Carbon, activated.

LC50/inhalation/1 hr/rat => 8.5mg/L

LC50/oral/rat => 2000mg/kg

SECTION 10 – ECOLOGICAL INFORMATION

The packaging components are compatible with conventional solid waste management practices.
No information on other adverse effects on aquatic and terrestrial toxicity.

SECTION 11 – DISPOSAL CONSIDERATION

Dispose in accordance with all local and national regulations.
Do not contaminate ponds, waterways, or ditches.
Do not reuse containers.

SECTION 12 – TRANSPORTATION INFORMATION

Shipping Name: Activated Charcoal Powder
Hazard Class: None – product is not spontaneously combustible.

SECTION 13 – DISCLAIMER

All information provided in this SDS is correct to the best of our knowledge at the time of its publication. The information serves only as a guide for usage, processing, storage, safe handling, transportation, and disposal. It is not a warranty or quality inspection. The information is only applicable to the specific material designated and may not be valid when the material is used in combination with any other material or in any process, unless specified in this document.