



SAFETY DATA SHEET

CHARCOAL POWDER

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME: CHARCOAL POWDER

PRODUCT NO: RM069

SUPPLIER: J M Loveridge Ltd
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EMERGENCY CONTACT NUMBER:

2 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Odourless black powder, activated charcoal (especially when wet) can deplete oxygen from air in enclosed spaces and dangerously low levels of oxygen may result. When workers enter a vessel containing activated charcoal, follow procedures for enclosed spaces and in particular low oxygen levels. Works should also take appropriate precautions when dealing with spent (used) activated charcoal which may exhibit properties of the absorbed material.

POTENTIAL HEALTH EFFECTS

Medical conditions aggravated by exposure: none documented

ROUTES OF EXPOSURE

EYES: Not corrosive but may cause mild irritation

SKIN: Not corrosive and not a primary irritant, mild irritation possible due to abrasive action of dust

INGESTION: No known deleterious effects

INHALATION: Possible mild irritation, due to drying and abrasive action of dust

CHRONIC EFFECTS: IARC, not listed NTP, not listed OSHA, not regulated

3 COMPOSITION/INFORMATION ON INGREDIENTS

Description: Activated Charcoal
CAS No: 7440-44-0

4 FIRST-AID MEASURES

INHALATION

Remove to fresh air, seek medical advice if cough or respiratory symptoms develop

SKIN CONTACT

Wash with soap/water, seek medical advice if skin irritation occurs

EYE CONTACT

Flush with plenty of clean water, seek medical advice if irritation occurs

INGESTION

Give one or two glasses of water to drink, seek medical advice if gastrointestinal symptoms develop

5 FIRE-FIGHTING MEASURES

PREVENTION

Keep away from sources of heat

SUITABLE EXTINGUISHING MEDIA

Flood with water

SPECIAL EXPOSURE HAZARDS

Carbon monoxide/dioxide may be generation in the event of a fire

FLASH POINT

Not applicable

NON FLAMMABLE

16CFR1500.44

NOT SELF HEATING

UN manual of Tests and Criteria, Test N.3

FLAMMABILITY LIMITS IN AIR

LFL and UFL not applicable

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Not applicable

ENVIRONMENTAL

Not applicable

METHODS FOR CLEANING UP

Sweep carefully place into suitable container for disposal in accordance with local and national regulations

7 HANDLING AND STORAGE

HANDLING

No associated hazards identified

STORAGE

Store under ambient temperature conditions, avoid extremes of temperature. Store away from any strong oxidisers.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION

Keep dust to a minimum, using engineering controls or suitable respiratory protection

SKIN PROTECTION

Wear gloves if possible

EYE PROTECTION

Wear safety glasses or dust tight goggles

HYGIENE MEASURES

Wash hands before and after handling product

EXPOSURE LIMITS

OSHA and ACGIH not established any specific limits

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Fine powder
Colour:	Black
Odour:	None
pH:	Not applicable
Boiling Point:	Not applicable
Melting Point:	Not applicable
Flash Point:	Not applicable
Flammability (Solid/Gas):	Not applicable
Auto Flammability:	Not applicable
Upper Explosion Limit:	Not applicable
Lower Explosion Limit:	Not applicable
Vapour Pressure:	Not applicable
Solubility:	Not soluble in water or common organic solvents
Partition Coefficient:	Not applicable

10 STABILITY AND REACTIVITY

CONDITIONS TO AVOID

Source of ignition

MATERIALS TO AVOID

Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS

Combustion may result in generation of carbon dioxide/monoxide and oxides of nitrogen

HAZARDOUS POLYMERISATION

Will not occur

11 TOXICOLOGICAL INFORMATION

EFFECTS AND HAZARDS OF EYE CONTACT

May produce eye irritation

EFFECTS AND HAZARDS OF SKIN CONTACT

Product not a primary skin irritant

EFFECTS AND HAZARDS OF INHALATION

Product non toxic through inhalation

EFFECTS AND HAZARDS OF INGESTION

Product non toxic through ingestion, acute oral LD50 (rat) for active ingredient >1000mg/kg

12 ECOLOGICAL INFORMATION

BOD/COD

No information available

13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with local and national regulations

14 TRANSPORT INFORMATION

Steam activated carbon has been tested according to UN Transport of Dangerous Goods test protocols for spontaneously combustible materials. It has been specially determined they are non hazardous for transportation with UN1362, class 4.2.

15 REGULATORY INFORMATION

Product not classified as dangerous or hazardous

16 OTHER INFORMATION

This Safety Data Sheet has been produced to comply with the preparation directive 1999/45/EC.

DISCLAIMER

The foregoing data has been compiled for safety information only and does not form part of any selling specification. Information contained in this SDS is to the best of JML's knowledge correct at the time of publication. However, no guarantee is given to its accuracy, reliability or completeness and the information may not be valid if the product is used in combination with other materials or process. It is the responsibility of the user to ensure that the product which they have selected is entirely suitable for their purpose under their conditions of use and in compliance with current regulatory requirements.