



# SAFETY DATA SHEET

## CHARCOAL POWDER

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### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

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PRODUCT NAME: CHARCOAL POWDER

PRODUCT NO: RM069

SUPPLIER: J M Loveridge Ltd  
Unit 5, Kingsway  
Walworth Industrial Estate, Andover  
Hampshire, SP10 5LQ  
+44 (0) 1264 367610  
+44 (0) 1264 351761  
Mr. S Knight – admin@jmloveridge.com

EMERGENCY CONTACT NUMBER:

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### 2 HAZARDS IDENTIFICATION

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#### 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

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### 3 COMPOSITION/INFORMATION ON INGREDIENTS

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

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### 4 FIRST-AID MEASURES

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#### 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

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## 5 FIRE-FIGHTING MEASURES

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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

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## 6 ACCIDENTAL RELEASE MEASURES

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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

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## 7 HANDLING AND STORAGE

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HANDLING

No associated hazards identified

STORAGE

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

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## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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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

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**9 PHYSICAL AND CHEMICAL PROPERTIES**

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|                           |   |
|---------------------------|---|
| 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                                  |

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**10 STABILITY AND REACTIVITY**

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**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

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**11 TOXICOLOGICAL INFORMATION**

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**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

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**12 ECOLOGICAL INFORMATION**

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BOD/COD

No information available

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**13 DISPOSAL CONSIDERATIONS**

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Dispose of in accordance with local and national regulations

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**14 TRANSPORT INFORMATION**

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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.

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**15 REGULATORY INFORMATION**

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Product not classified as dangerous or hazardous

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**16 OTHER INFORMATION**

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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.