



# Charcoal

## Section 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Product name: Charcoal  
CAS Number: 7440-44-0

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Product use: Not available

### 1.3 Details of the supplier of the safety data sheet

**Company name:** East Harbour Group Ltd  
Miranda House, The Quay  
Harwich, Essex, CO12 3HH  
United Kingdom

**Telephone:** +44 (0) 333 242 0100  
**Email:** [info@eastharbourgroup.com](mailto:info@eastharbourgroup.com)

### 1.4 Emergency telephone number

**Emergency telephone:** 0800 246 1274

## Section 2: Hazardous identification

### 2.1 Classification of the substance or mixture

The product is not classified as hazardous within the meaning of Regulation (EU) No 1272/2008.

### 2.2 Label elements

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### 2.3 Other hazards.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

## Section 3: Composition/information on ingredients

### 3.1 Substances

#### Mono-constituent.

Chemical Name: CARBON

CAS No: 240-383-3

Registration N.: 01-2119560590-41-XXXX



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## 3.2 Mixtures

Not Applicable.

## Section 4: First aid measures

### 4.1 Description of first aid measures

Due to the composition and type of the substances present in the product, no particular warnings are necessary.

#### Inhalation:

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration

#### Eye contact.

Remove contact lenses, if present and if it is easy to do. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up and seek medical assistance.

#### Skin contact.

Remove contaminated clothing. Wash the skin vigorously with soap and water or a suitable skin cleanser. NEVER use solvents or thinners.

#### Ingestion.

If accidentally swallowed, seek immediate medical attention. Keep him at rest. NEVER cause vomiting.

### 4.2 Most important symptoms and effects, both acute and delayed

No known acute or delayed effects from exposure to the product.

### 4.3 Indication of any immediate medical attention and special treatment needed

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious

## Section 5: Fire-fighting measures

### 5.1 Fire Fighting Media and Instructions:

Suitable extinguishing media: Foam, carbon dioxide (CO<sub>2</sub>), mist jet, water spray.

### 5.2 Special hazards arising from the substance or mixture

Special risks. Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health.

### 5.3 Advice for firefighters

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Fire protection equipment. According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots.



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## Section 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

For exposure control and individual protection measures, see section 8.

### 6.2 Environmental precautions

Product not classified as hazardous for the environment, avoid spillage as much as possible.

### 6.3 Methods and material for containment and cleaning up

Pick up the spill with non-combustible absorbent materials (soil, sand, vermiculite, diatomite, etc.). Pour the product and the absorbent in an appropriate container. The contaminated area should be immediately cleaned with an appropriate decontaminator. Pour the decontaminator on the remains in an opened container and let it act various days until no further reaction is produced.

### 6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8.  
For later elimination of waste, follow the recommendations under section 13.

## Section 7: Handling and storage

### 7.1 Precautions for safe handling

Do not smoke, do not eat or drink during work. Avoid the formation of dust. Do not enter confined spaces unless adequately ventilated; The product absorbs oxygen from the air by reducing the level of oxygen available to breathe. Wash hands after handling. Remove contaminated clothing and equipment before entering food areas.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep the container tightly closed in a dry and well-ventilated place. Keep away from heat and flames. Avoid contact with oxidizing agents and strong acids. The product is not affected by Directive 2012/18/EU (SEVESO III).

### 7.3 Specific end use(s).

Not available.

## Section 8: Exposure controls/personal protection

### 8.1 Control parameters

The product does NOT contain substances with Professional Exposure Environmental Limit Values. The product does NOT contain substances with Biological Limit Values.

### 8.2 Exposure controls

Measures of a technical nature: Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.



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<b>Concentration:</b>	<b>100 %</b>
<b>Uses:</b>	
<b>Breathing protection:</b>	
If the recommended technical measures are observed, no individual protection equipment is necessary.	
<b>Hand protection:</b>	
If the product is handled correctly, no individual protection equipment is necessary.	
<b>Eye protection:</b>	
If the product is handled correctly, no individual protection equipment is necessary.	
<b>Skin protection:</b>	
PPE:	Work footwear.
Characteristics:	«CE» marking, category II.
CEN standards:	EN ISO 13287, EN 20347
Maintenance:	This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should not be used by other people.
Observations:	Work footwear for professional use includes protection elements aimed at protecting users against any injury resulting from an accident

## Section 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	Not Available / Not Applicable due to the nature of the product
<b>Colour</b>	Not Available / Not Applicable due to the nature of the product
<b>Odor</b>	Not Available / Not Applicable due to the nature of the product
<b>Odor Threshold</b>	Not Available / Not Applicable due to the nature of the product
<b>pH</b>	Not Available / Not Applicable due to the nature of the product
<b>Melting Point</b>	1095 °C
<b>Boiling Point</b>	Not Available / Not Applicable due to the nature of the product
<b>Flash Point</b>	Not Available / Not Applicable due to the nature of the product
<b>Evaporation Rate</b>	Not Available / Not Applicable due to the nature of the product
<b>Inflammability (solid, gas)</b>	Not Available / Not Applicable due to the nature of the product
<b>Lower Explosion Limits</b>	Not Available / Not Applicable due to the nature of the product
<b>Upper Explosion Limits</b>	Not Available / Not Applicable due to the nature of the product
<b>Vapor Pressure</b>	Not Available / Not Applicable due to the nature of the product
<b>Vapor Density</b>	Not Available / Not Applicable due to the nature of the product
<b>Relative Density</b>	1,413
<b>Solubility</b>	Not Available / Not Applicable due to the nature of the product
<b>Liposolubility</b>	Not Available / Not Applicable due to the nature of the product
<b>Hydrosolubility</b>	Not Available / Not Applicable due to the nature of the product
<b>Partition Coefficient (n-octanol/water)</b>	Not Available / Not Applicable due to the nature of the product
<b>Auto-ignition temperature</b>	Not Available / Not Applicable due to the nature of the product
<b>Decomposition temperature</b>	Not Available / Not Applicable due to the nature of the product
<b>Viscosity</b>	Not Available / Not Applicable due to the nature of the product
<b>Explosive properties</b>	Not Available / Not Applicable due to the nature of the product
<b>Oxidizing properties</b>	Not Available / Not Applicable due to the nature of the product

### 9.2 Other information

Pour point	Not Available / Not Applicable due to the nature of the product
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Blink  
Kinematic viscosity

Not Available / Not Applicable due to the nature of the product  
Not Available / Not Applicable due to the nature of the product

## Section 10: Stability and Reactivity

<b>10.1 Reactivity</b>	Stable under recommended storage conditions
<b>10.2 Chemical Stability</b>	Stable under recommended storage conditions
<b>10.3 Possibility of hazardous reactions</b>	Fast combustion with liquid oxygen, ozone, and powerful oxidants
<b>10.4 Conditions to avoid</b>	Store in the shelter of moisture (to preserve the technical characteristics of the product)
<b>10.5 Incompatible materials</b>	Keep away from solvents and strong oxidants (possibility of absorption of vapours by activated carbon)
<b>10.6 Hazardous decomposition products</b>	Not relevant

## Section 11: Toxicological Information

### 11.1 Information on toxicological effects.

There are no tested data available on the product. Repeated or prolonged contact with the product can cause the elimination of oil from the skin, giving rise to non-allergic contact dermatitis and absorption of the product through the skin. Splatters in the eyes can cause irritation and reversible damage.

a) acute toxicity;	Not conclusive data for classification.
b) skin corrosion/irritation;	Not conclusive data for classification.
c) serious eye damage/irritation;	Not conclusive data for classification.
d) respiratory or skin sensitisation;	Not conclusive data for classification.
e) germ cell mutagenicity;	Not conclusive data for classification.
f) carcinogenicity;	Not conclusive data for classification.
g) reproductive toxicity;	Not conclusive data for classification.
h) STOT-single exposure;	Not conclusive data for classification.
i) STOT-repeated exposure;	Not conclusive data for classification.
j) aspiration hazard;	Not conclusive data for classification.

## Section 12: Ecological Information

### 12.1 Toxicity.

There is no information available on the biodegradability of the substances present.

### 12.2 Persistence and degradability.

There is no information available on the degradability of the substances present. No information is available regarding the degradability. No information is available about persistence and degradability of the product.

### 12.3 Bioaccumulative potential.

No information is available regarding the bioaccumulation.



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### 12.4 Mobility in soil.

No information is available about the mobility in soil. The product must not be allowed to go into sewers or waterways. Prevent penetration into the ground.

### 12.5 Results of PBT and vPvB assessment.

No information is available about the results of PBT and vPvB assessment of the product.

### 12.6 Other adverse effects.

No information is available about other adverse effects for the environment

## Section 13: Disposal considerations

### 13.1 Waste treatment methods

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation. Follow the provisions of Directive 2008/98/EC regarding waste management.

## Section 14: Transport Information

Transport following ADR rules for road transport, RID rules for railway, ADN for inner waterways, IMDG for sea, and ICAO/IATA for air transport.

**Land:** Transport by road: ADR, Transport by rail: RID.

Transport documentation: Consignment note and written instructions

**Sea:** Transport by ship: IMDG.

Transport documentation: Bill of lading

**Air:** Transport by plane: ICAO/IATA.

Transport document: Airway bill.

### 14.1 UN number

UN No: UN1361

### 14.2 UN proper shipping name

#### Description:

ADR: UN 1361, CARBON, 4.2, PG III, (E)

IMDG: UN 1361, CARBON, 4.2, PG III

ICAO/IATA: UN 1361, CARBON, 4.2, PG III

### 14.3 Transport hazard class(es)

Class(es): 4.2

### 14.4 Packing group

Packing group: III

### 14.5 Environmental hazards

Marine pollutant: No

### 14.6 Special precautions for user

Labels: 4.2

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Hazard number: 40

ADR LQ: 0

IMDG LQ: 0

ICAO LQ: Not applicable.

Provisions concerning carriage in bulk ADR:

VC1 Carriage in bulk in sheeted vehicles, sheeted containers or sheeted bulk containers is permitted.

VC2 Carriage in bulk in closed vehicles, closed containers or closed bulk containers is permitted.

AP1 Vehicles and containers shall have a metal body and where fitted the sheet shall be non-combustible.

Transport by ship, FEm – Emergency sheets (F – Fire, S - Spills): F-A,S-J Proceed in accordance with point 6.

## 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

The product is not transported in bulk.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

## Section 15: Regulatory Information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance.

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

The product is not affected by Directive 2012/18/EU (SEVESO III).

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

### 15.2 Chemical safety assessment.

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier

## Section 16: Other Information

It is recommended that the product only be employed for the purposes advised.

### Abbreviations and acronyms used:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CEN: European Committee for Standardization.

PPE: Personal protection equipment.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organization.

IMDG: International Maritime Code for Dangerous Goods.

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail.