

Safety Data Sheet

Activated Carbon



Version: 1
Version date: 15/08/2025
Language: EN
According to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2020/878)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. PRODUCT IDENTIFIER

Substance name : **Generic name:** Activated Carbon.

1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Uses advised against : No data available.

1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Supplier : Baltimore Innovations
Jacksons Business Park, Wessex Road, Bourne End
SL8 5DT
United Kingdom
Telephone: +44 (0) 1628 531 900
Website: www.baltimoreinnovations.com
E-mail: Sales@baltimoreinnovations.com

1.4. EMERGENCY TELEPHONE NUMBER

United Kingdom:
England and Wales: Dial 111 (NHS 111)
Scotland: Dial 111 (NHS 24)
Belfast HSC Trust: (North & West) Dial 028 9074 4447
(South & East) Dial 028 9079 6220
South Eastern HSC Trust: (North Down & Ards) Dial 028 9182 2344
(Lisburn & Downpatrick) Dial 028 9260 2204
Northern HSC Trust: (Dalriada Urgent Care) Dial 028 2566 3500
Southern HSC Trust: Dial 028 3839 9201
Western Urgent Care: Dial 028 7186 5195.
Northern Ireland: Contact your local GP or pharmacist during normal hours.
During GP Out-of-Hours (www.gpoutofhours.hscni.net/)

SECTION 2: HAZARDS IDENTIFICATION

2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Classification according to the regulation (EC) n°1272/2008 (CLP) and its amendments

Hazards identification: This mixture is not classified as dangerous.

2.2. LABEL ELEMENTS

Label elements according to the regulation (EC) n°1272/2008 (CLP) and its amendments

Labelling

Hazard pictograms

Signal word

2.3. OTHER HAZARDS

According to Regulation (EU) 1907/2006, no substances are assessed as PBT or vPvB.

According to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, no substances are known to have endocrine disrupting properties.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. SUBSTANCES

In accordance with the product knowledge, no nanomaterials have been identified.

The substance does not contain any substances classified as Substances of Very High Concern (SVHC) by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>.

This mixture does not contain any substances presenting a health or environmental hazard within the meaning of the Regulation (EC) No. 1272/2008, assigned a Community workplace exposure limit, classified as PBT/vPvB or included in the Candidate List.

Substance	Concentration (%)	Specific Concentration Limits	Classification
Charcoal, Activated			
CAS N° EC N° IDX N° Registration number	64365-11-3 264-846-4	C= 100.0%	

REMARK

Not available

SECTION 4: FIRST AID MEASURES**4.1. DESCRIPTION OF FIRST AID MEASURES****General information:**

When in doubt or if symptoms are observed, get medical advice.

Following inhalation:

No special measures are necessary.

Provide fresh air.

Following skin contact:

Wash with soap and water.

Following eye contact:

In case of eye irritation consult an ophthalmologist.

In case of contact with eyes, immediately rinse with water for at least 15 minutes; consult doctor if discomfort still exists.

Following ingestion:

IF SWALLOWED: Rinse mouth.

Do NOT induce vomiting.

Drink plenty of water; consult doctor immediately if feeling unwell.

Self-protection of the first aider:

No special measures are necessary.

4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**Notes for the doctor:**

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES**5.1. EXTINGUISHING MEDIA****Suitable extinguishing media:**

Foam.

Extinguishing powder.

Carbon dioxide (CO₂).

Sand.

Unsuitable extinguishing media:

Strong water jet.

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Formation of toxic gases is possible during heating or in case of fire.

Combustible, high concentration of dust can cause explosion.

5.3. ADVICE FOR FIREFIGHTERS

Wear a self-contained breathing apparatus and chemical protective clothing.

Do not stay in the danger area unless equipped with protective clothing and oxygen supply equipment.

ADDITIONAL INFORMATION

Do not inhale vapors and fumes.

Co-ordinate fire-fighting measures to the fire surroundings.

Move undamaged containers from immediate hazard area if it can be done safely.

Use caution when applying carbon dioxide in confined spaces. carbon dioxide can displace oxygen.

Use water spray jet to protect personnel and to cool endangered containers.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

No special measures are necessary.

6.2. ENVIRONMENTAL PRECAUTIONS

Ensure that waste is collected and contained.

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Treat the recovered material as prescribed in the section on waste disposal.

Collect in closed and suitable containers for disposal.

Separate the contaminated area and restrict access; carefully and put into another bag; transfer to a safe place or dispose in a waste facility.

6.4. REFERENCE TO OTHER SECTIONS

Safe handling: see section 7.

Disposal: see section 13.

Personal protection equipment: see section 8.

ADDITIONAL INFORMATION

Not available

SECTION 7: HANDLING AND STORAGE**7.1. PRECAUTIONS FOR SAFE HANDLING****PROTECTIVE MEASURES:**

No special measures are necessary.

Closed-loop operation, increase air-flow.

Operators must receive special training and follow the operation.

Self-inhalation filter type dust respirator is recommended when operating to avoid dust; gently load and unload to prevent damaging the package or container.

Advices on general occupational hygiene:

Wash hands before breaks and after work.

Remove contaminated, saturated clothing.

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep container tightly closed in a dry, cool, and well-ventilated place.

Keep container in upright position in order to prevent leakage.

Store in a cool, ventilated warehouse.

Package container must be sealed to keep away from moisture.

Do not pool any volatile substances, acid, alkali, and salt.

7.3. SPECIFIC END USES

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. CONTROL PARAMETERS****Occupational exposure limits:**

Does not contain substances above concentration limits fixing an occupational exposure limit.

Biological limit values:

Not available

Exposure limits at intended use:

Not available

Remark:

Not available

8.2. EXPOSURE CONTROLS**Appropriate engineering controls:**

See section 7. No additional measures necessary.

Individual protection measures, such as personal protective equipment: Not available

Eye/face protection	:	Suitable eye protection: Wear safety glasses. Wear safety goggles.
Skin protection	:	Hand protection: Suitable gloves type: Wear rubber gloves. Body protection: Suitable protective clothing: Wear protective clothing. Change work clothes regularly.

Respiratory protection : Suitable respiratory protection apparatus:
No data available.

Environmental exposure controls:

No special measures are necessary.

Consumer exposure controls:

Not available

ADDITIONAL INFORMATION

Not available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical state	:	Solid
Colour	:	Black Particle/powder
Odour	:	Not available
pH	:	6
Melting point/freezing point	:	Not available
Initial boiling point and boiling range	:	Not applicable
Flash point	:	Not applicable
Flammability	:	Not available
Upper/lower flammability or explosive limits	:	Not applicable
Vapour pressure	:	Not available
Vapour density	:	Not applicable
Relative density	:	Not available
Solubility(ies)	:	Not available
Partition coefficient n-octanol/water (log value)	:	Not available
Auto-ignition temperature	:	Not applicable
Decomposition temperature	:	Not available
Dynamic viscosity	:	Not available
Kinematic viscosity	:	Not available
Oxidising properties	:	Not available
Solubility in other Solvents	:	Not available
Particle characteristics	:	Not available

9.2. OTHER SAFETY INFORMATION

Information concerning to the classes of physical hazards

Not available

Other security characteristics

Not available

SECTION 10: STABILITY AND REACTIVITY

10.1. REACTIVITY

No data available.

10.2. CHEMICAL STABILITY

The product is stable when stored at normal ambient temperatures.

10.3. POSSIBILITY OF HAZARDOUS REACTIONS

No hazardous reaction when handled and stored according to provisions.

10.4. CONDITIONS TO AVOID

Strong heating.

10.5. INCOMPATIBLE MATERIALS

Strong oxidant.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Not available

ADDITIONAL INFORMATION

Not available

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. INFORMATION ON HAZARD CLASSES AS DEFINED IN REGULATION (EC) NO 1272/2008

Acute oral toxicity:

The product is not classified.

Substances:

Not available

Acute dermal toxicity:

The product is not classified.

Substances:

Not available

Acute inhalation toxicity:

The product is not classified.

Substances:

Not available

Skin corrosion/irritation:

The product is not classified.

Substances:

Not available

Serious eye damage/irritation:

The product is not classified.

Substances:

Not available

Skin sensitisation:

The product is not classified.

Substances:

Not available

Specific target organ toxicity (repeated exposure):

The product is not classified.

Substances:

Not available

Specific target organ toxicity (single exposure):

The product is not classified.

Substances:

Not available

Carcinogenicity:

The product is not classified.

Substances:

Not available

Reproductive toxicity:

The product is not classified.

Substances:

Not available

Germ cell mutagenicity:

The product is not classified.

Substances:

Not available

Sensitisation to the respiratory tract:

The product is not classified.

Substances:

Not available

Additional information:

Not available

11.2. INFORMATION ON OTHER HAZARDS**Endocrine disrupting properties:**

According to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, no substances are known to have endocrine disrupting properties.

SECTION 12: ECOLOGICAL INFORMATION**12.1. TOXICITY**

Based on available data, the classification criteria are not met.

Substances:

Not available

12.2. PERSISTENCE AND DEGRADABILITY

The product has not been tested.

Substances:

Not available

12.3. BIOACCUMULATIVE POTENTIAL

The product has not been tested.

Substances:

Not available

12.4. MOBILITY IN SOIL

The product has not been tested.

Substances:

Not available

12.5. RESULTS OF PBT AND VPVB ASSESSMENT

No data available.

12.6. ENDOCRINE DISRUPTING PROPERTIES

No data available.

12.7. OTHER ADVERSE EFFECTS

Not available

ADDITIONAL ECOTOXICOLOGICAL INFORMATION

Not available

SECTION 13: DISPOSAL CONSIDERATIONS**13.1. WASTE TREATMENT METHODS****Product/Packaging disposal:****Waste codes/waste designations according to EWC/AVV:**

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Waste treatment options:**Appropriate disposal/Product:**

Dispose of waste according to applicable legislation.

Appropriate disposal/Package:

Non-contaminated packages must be recycled or disposed of.

Contaminated packing must be completely emptied and can be reused after proper cleaning.

Packing which cannot be properly cleaned must be disposed of.

Dispose of waste according to applicable legislation.

Remark:

For recycling, contact manufacturer.

ADDITIONAL INFORMATION

Not available

SECTION 14: TRANSPORT INFORMATION**14.1. UN NUMBER**

The product is not hazardous according to the applicable transport regulations.

14.2. UN PROPER SHIPPING NAME

Not regulated.

14.3. TRANSPORT HAZARD CLASS(ES)

Not regulated.

14.4. PACKING GROUP

Not regulated.

14.5. ENVIRONMENTAL HAZARDS

Not regulated.

14.6. SPECIAL PRECAUTIONS FOR USER

Not regulated.

14.7. BULK SHIPPING ACCORDING TO IMO INSTRUMENTS

Not regulated.

ADDITIONAL INFORMATION

Not available

SECTION 15: REGULATORY INFORMATION**15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE**

This SDS has been established in accordance with REACH regulation, including its amendments: REACH Regulation (EC) No 1907/2006.

This SDS has been established in accordance with CLP regulation, including its amendments: CLP Regulation EC No. 1272/2008.

15.2. CHEMICAL SAFETY ASSESSMENT

For this substance/mixture a chemical safety assessment is not required.

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

ADDITIONAL INFORMATION

Not available

SECTION 16: OTHER INFORMATION**INDICATION OF CHANGES**

Not applicable (first edition of the MSDS).

ABBREVIATIONS AND ACRONYMS

CAS: Chemical Abstract Service Number.

IATA: International Air Transport Association.

IMDG: International Maritime Dangerous Goods Code.

DPD Dangerous Preparation Directive.

UN number: United Nations number.

No EC: European Commission Number.

ADN/ADNR: Regulations concerning the transport of dangerous substances in barges on the waterways.

ADR/RID: European Agreement concerning the International Carriage of Dangerous Goods by Road/Regulations concerning the international carriage of dangerous goods by rail.

CLP: Classification, labeling and packaging.

VPvB: very persistent and very bioaccumulative substances.

KEY LITERATURE REFERENCES AND SOURCES FOR DATA

No data available.

CLASSIFICATION FOR MIXTURES AND USED EVALUATION METHOD ACCORDING TO REGULATION (EC) 1272/2008 [CLP]

Complies with ATP 18, Regulation (EU) n°2022/692.

Classification of the mixture is in accordance with the evaluation method described in Regulation (EC) No 1272/2008.

RELEVANT R-, H- AND EUH-PHRASES (NUMBER AND FULL TEXT)**TRAINING ADVICE**

Refer to Sections 4, 5, 6, 7 and 8 of this safety data sheet.

ADDITIONAL INFORMATION

Creation date: 15/08/2025

Version date: 15/08/2025

Printing date: 15/08/2025

The information given in this Safety Data Sheet is based on our present knowledge and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it does not guarantee all the product properties particularly in the case of non identified uses. The product must not be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.