

SAFETY DATA SHEET SDS001.BIO

PRODUCT: BIOCAT

Prepared in accordance with Annex II of the REACH Regulation (EC) 1907/2006, Regulation (EC) 1272/2008

1. Identification of the Substance/Preparation and Company/Undertaking

1.1 Product Identifier

Preparation Commercial Name: **BIOCAT**

1.2 Relevant identified uses and uses advised against

To absorb & encapsulate hydrocarbon spills

1.3 Details of the supplier of the safety data sheet

Darcy Products, details as above

1.4 Emergency contact

Emergency telephone: 01732 762338

Emergency email: engs@darcy.co.uk

2. Hazards Identification:

2.1 Classification of the substance or mixture in compliance with Regulation (EC) 1272/2008 (CLP Regulations)

Not classified according to Regulation (EC) 1272/2008 (CLP Regulations)

This product is **non-hazardous**.

2.2 Label Elements (In compliance with Regulation (EC) 1272/2008 (CLP Regulations)

Not a hazardous substance or mixture; no label elements required

3. Composition/Information on Ingredients

3.1 Substances

A recycled treated cellulose product for the absorption and encapsulation of petroleum hydrocarbons spills.

Content: 97-99 %

CAS No: 9004-34-6

Proprietary added ingredients:

Content: 1-3 %

CAS No: Not Available

3.2 Mixtures

As above

Revision Date: 18/12/2018 Rev 6

4. First Aid Measures

4.1 Description of first aid measures

Skin contact: If irritation or redness results from prolonged skin contact, seek medical attention.

Eye contact: Hold eyes open and flood with water for 10 minutes. Seek medical attention if irritation persists.

Ingestion: Thoroughly rinse mouth with water. Drink 1-2 glasses of water. Do not induce vomiting. If discomfort arises seek medical attention.

Inhalation: If encountering respiratory difficulty remove from dusty area and into fresh air. Seek medical attention if symptoms persist.

4.2 Most important symptoms and effects, both acute and delayed

None

4.3 Indication of any immediate medical attention and special treatment needed

None

5. Fire-Fighting Measures

5.1 Extinguishing media

Suitable: Water spray, carbon dioxide or dry chemical powder.

Unsuitable: No Restrictions.

5.2 Special hazards arising from the substance or mixture

Combustible and easy to ignite as the product is cellulose. If burning fire-fighters should treat as a wood fire.

No hazardous decomposition products are known. Combustion by-products include carbon monoxide, carbon dioxide and acrid smoke.

5.3 Advice for firefighters

No special Protective Equipment for Fire Fighters required.

6. Accidental Release Measures:

6.1 Personal precautions, protective equipment, and emergency measures

Wear appropriate protective equipment to prevent exposure. (See Section 8: Exposure Controls)

6.2 Environmental precautions

No special considerations.

6.3 Methods and material for containment and cleaning up

Small Spills: Sweep up material and place in a clean labelled container for disposal.

Large Spills: Sweep up material and place in a clean labelled container for disposal.

7. Handling and Storage:

7.1 Handling

Material is not classified as a dangerous or hazardous. No special handling requirements necessary. If re-packaging ensure containers are properly labelled.

7.2 Storage

Keep product in a cool, dry area.

8. Exposure Control and Personal Protection:

8.1 Engineering

No special requirements. A simple dust mask should be used if handling material in a non-ventilated area.

8.2 Personal Protective Equipment

Eye Protection: Eye protection not required under normal conditions.
Goggles are recommended if significant dust levels are created.

Skin Protection: Gloves not required under normal conditions.
Cloth gloves are recommended if handling large quantities of raw material.

Respiratory Protection: Dust mask not necessary under normal conditions.
Disposable half face dust mask is recommended if exposed to high concentrations of dust.

Other Protection: Other protective clothing not required.

8.3 Industrial Hygiene

Avoid inhalation of nuisance dust.

NOTE: on removal after use, if contaminated with a pollutant, observe precautions applicable to the pollutant itself.

9. Physical and Chemical Properties

Physical Form:	fluffy particulate
Colour:	brown
Odour:	none
pH of Aqueous Sol'n	n/a
Viscosity:	n/a
Boiling Point:	n/a
Melting Point:	n/a
Flash Point:	n/a
Flammability:	combustible

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Autoflammability:	n/a
Explosive Properties:	none
Oxidising Properties:	none
Vapour Pressure:	n/a
Specific Gravity:	< 1.0 (floats on water)
Bulk Density:	approx. 0.1kg/litre
Water Solubility (powder)	insoluble

10. Stability and Reactivity

Biocat is highly stable under normal conditions of use and storage.

Thermal Decomposition: burns generating CO, CO₂, H₂O

Hazardous Reactions: none known

Conditions to Avoid: avoid contact with strong oxidizing agents

11. Toxicological Information

Oral ingestion: Unlikely as an exposure route. Material is physiologically inert and non-harmful if swallowed.

Inhalation: Inhalation of excessive dust may cause irritation to the mucous membranes of the nose, throat and respiratory tract. Persons with a history of respiratory illness should avoid exposure to excessive levels of dust.

Dermal Exposure: Absorption through skin and skin irritation is highly unlikely. In some individuals over-exposure may aggravate an existing medical condition or skin sensitivity.

12. Ecological Information

Releases in large quantity to water courses are highly unlikely to occur if stored and handled correctly.

Mobility:	will float on water
Persistence and degradability:	biodegradable over long periods dependent on conditions
Bioaccumulation:	not known
Aquatic toxicity:	non-toxic
Bacterial Toxicity:	not known
WGK Class:	n/a

All constituent materials are either bio-inert/biodegradable, or else present in the formulation in such miniscule proportions that they may be regarded as negligible.

13. Disposal Considerations

This product is a recycled cellulose material and can be safely discarded into landfill, composted or incinerated by approved agents. Dispose of materials in accordance with appropriate legislation/regulations.

NOTE: *If contaminated with a pollutant, observe disposal and safety considerations appropriate to the pollutant itself.*

14. Transport Information

Products are not regulated for any mode of transportation.

Dangerous Goods Class:	None Allocated.
UN Number:	None Allocated
Hazchem Code:	None Allocated
Poisons Schedule:	None Allocated

15. Regulatory Information

Classification in accordance with current CLP regulations:

Symbols:	none
Risk Phrases:	none
Safety Phrases:	none
Exposure Limits:	OSHA-PEL: 15 mg/m ³ (cellulose – total dust), 5 mg/m ³ (cellulose – respirable dust)

EU Regulation (EC)	No. 1907/2206 (REACH)
Annex XIV	Not listed
Annex XVII	Not listed

16. Other Information

No effective change in hazard/risk parameters has occurred in this or any previous revision of this Data Sheet.

Disclaimer: every effort has been made to ensure the accuracy of the above information. However, neither Darcy Products Limited nor any person acting on behalf of Darcy Products Limited can be held responsible for the use which might be made of the above information, or for any omission therein. Users are responsible for carrying out their own risk assessments and taking appropriate precautions.