

1. Identification of the substance/preparation and the company undertaking

Identification of the substance/preparation

Product Code: ax139800
Product Name: Recombinant Human BDNF

Company/Undertaking Identification

Axol Bioscience Ltd, Roslin
Innovation Centre
Charnock Bradley Building
Easter Bush Campus
Easter Bush, EH25 9RG
United Kingdom

2. Composition/Information on ingredients Hazardous/Non-hazardous Components

Hazardous/Non-hazardous Components:

None

Contact Axol Bioscience Ltd. for further information.

All ingredients in the proportions used are considered non-hazardous by regulating bodies worldwide.

3. Hazards Identification

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

Classification / Indication of danger: None

4. Hazards Statements

Hazard statement(s)

None

Precautionary statement(s)

None

5. First Aid Measures

- **Skin Contact:** Wash off immediately with plenty of water
- **Eye Contact:** Rinse thoroughly with plenty of water, also under eyelids
- **Ingestion:** No recognized ingestion hazard. Never give anything by mouth to an unconscious person, rinse mouth with water
- **Inhalation:** No recognized inhalation hazard. Move to fresh air

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- **Notes to physician:** Treat symptomatically

6. Fire-fighting Measures

- **Classification of substance or mixture:** The product is non-flammable.
- **Suitable extinguishing media:** Water spray. Carbon dioxide (CO₂). Foam. Dry chemical
- **Special protective equipment for fire fighters:** Standard procedure for chemical fires.

7. Accidental Release Measures

- **Personal precautions:** Use personal protective equipment
- **Methods for cleaning up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

8. Handling and Storage

- **Handling:** Use good laboratory practices. Avoid inhaling vapors or mist. Avoid contact with eyes, skin, or clothing. Wash hands following handling of material
- **Storage:** Keep tightly closed. Store at -20°C until use
- **Other Precautions:** None

9. Exposure Controls / Personal Protection

Exposure Limits

Engineering measures: ensure adequate ventilation, such as a laboratory safety cabinet, especially in confined areas

Personal Protective Equipment

- **Respiratory protection:** In case of insufficient ventilation wear suitable respiratory equipment
- **Hand protection:** Impervious gloves
- **Eye protection:** Safety glasses with side-shields
- **Skin and body protection:** Lightweight protective clothing, nitrile rubber gloves
- **Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice

10. Physical and Chemical Properties

General Information:

- **Form:** Solid
- **Appearance:** White powder or thin/invisible film
- **Odour:** None

Important Health Safety and Environmental Information:

- **Boiling point/range:** No data available
- **Melting point/range:** No data available
- **Flash point:** No data available
- **Auto ignition temperature:** No data available

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- **Oxidising properties:** No data available
- **Water solubility:** No data available

11. Stability and Reactivity

- **Stability:** Stable under recommended storage conditions
- **Conditions to avoid:** Heat and moisture
- **Materials to avoid:** Strong oxidizing agents
- **Hazardous decomposition products:** No information available
- **Polymerization:** Hazardous polymerisation does not occur

12. Toxicological Information

Acute toxicity

- **Principle Routes of Exposure/Potential Health effects:**
Eyes: No information available
Inhalation: No information available
Ingestion: No information available
- **Specific effects**
Carcinogenic effects: No information available
Mutagenic effects: No information available
Sensitisation: No information available
- **Target Organ Effects:** No information available

13. Ecological Information

- **Eco toxicity effects:** No information available
- **Mobility:** No information available
- **Biodegradation / Bioaccumulation:** Inherently biodegradable/does not bioaccumulate

14. Disposal Considerations

Dispose of in accordance with local regulations

15. Transport Information

IATA:

- **Proper shipping name:** Not classified as dangerous in the meaning of transport regulations
- **Hazard Class:** No information available
- **Subsidiary Class:** No information available
- **Packing Group:** No information available
- **UN-No:** No information available

16. Regulatory Information

- **Indication of danger:** Not Hazardous
- **R-phrases:** No information available
- **S-phrases:** No information available

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17. Other Information

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- **END OF SAFETY DATA SHEET**

Contact Axol Technical Support at operations@axolbio.com

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US CALL TOLL FREE: 1-800-678-AXOL (2965)

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