

MSDS/SDS DATASHEET

SECTION 1: IDENTIFICATION:

1.1 Product identifier:

Product name: **Fluoro-Jade C (FJC) Powder for identifying Degenerating Neurons**

Product no./Catalog #(s): **TR-160-FJC**

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

Identified uses: For research use only.

1.3 Details of the supplier of the safety data sheet:

Biosensis Pty Limited

51 West Thebarton Rd, Thebarton, South Australia, 5031

Telephone + 61(0)8 8352 7711

1.4 Emergency telephone number:

Please contact your local Poison Control Centre

Australia – 131126

New Zealand – 0800 POISON (0800 764 766)

United States – 1800 222 1222

1.5 Revision number: 4; Revision Date:5/2024

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS:

CAS # None

HAZARDOUS INGREDIENTS: No hazardous ingredients are contained in this product.

2.1 Classification of the substance or mixture:

Classification (EC 1272/2008)

Physical and chemical hazards: Not classified.

Human health: Not classified.

Environment: Not classified.

Classification (1999/45/EEC) Not classified.

2.2 Label elements: Label in accordance with (EC) No. 1272/2008: Not classified.

2.3 Hazard description: This product contains no hazardous constituents, or the concentration of all chemical constituents are below the regulatory threshold limits described by Occupational Safety Health Administration Hazard.

2.4 NFPA ratings (scale 0-4): Fire = 0; Reactivity = 0; Health = 0

2.5 Other hazards: No information available.

2.6. Other hazards which do not result in classification Other hazards not contributing to the classification: None.

SECTION 3: HAZARDS IDENTIFICATION:

TOXICITY HAZARDS:

RTECS Number: Not Assigned.

To the best of our knowledge, no toxicity hazards are associated with this product.

SECTION 4: FIRST-AID MEASURES:

Eye Contact: Irrigate with copious amounts of fresh water. Skin Contact: Wash with clean water or soap and water.

Inhalation: Move to an outside area and breath fresh air. Clear the nose by blowing.

Ingestion: Flush out the mouth with water and drink copious amounts of fresh water. Seek

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medical advice.

SECTION 5: FIRE FIGHTING MEASURES:

Extinguishing media: Water spray, carbon dioxide, dry chemical powder, or appropriate foam. Prevent contact with skin and eyes.

SECTION 6: ACCIDENTAL RELEASE MEASURES:

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Spilled material should be carefully wiped up with water and removed.

SECTION 7: STORAGE AND HANDLING:

7.1 Precautions for safe handling: No special handling advice required.

7.2 Conditions for safe storage, including any incompatibilities:

Keep in properly labeled container. Store at specified temperature. Refer to product label.

7.3 Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:



Exposure controls:

Engineering measures: Ensure adequate ventilation, especially in confined areas.

Process conditions: Provide eyewash station.

Protective equipment:

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection: Wear suitable protective gloves if risk of skin contact.

Eye protection: Wear chemical safety goggles with side-shields where eye exposure is reasonably probable.

Skin protection: Wear lightweight protective clothing to prevent any possibility of skin contact.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: APPEARANCE and ODOR:

Freeze-dried, no apparent odor

Odor: No characteristic odor.

Water solubility: Highly soluble in water, max/min levels not determined.

Boiling point (°C): Not determined.

Melting point (°C): Not determined.

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Relative density: Not determined.
Vapor density (Air =1): Not applicable.
Vapor pressure: Not applicable.
Evaporation rate: Not applicable.
Viscosity: Not determined.
Decomposition temperature (°C): Not determined.
Flash point (°C): Not determined.
Auto ignition temperature (°C): Not determined.
Flammability limit – lower (%): Not determined.
Partition coefficient (N-octanol/water) Not determined.
Explosive properties: Not determined.
Oxidizing properties: Not determined.
9.2 Other information: None.

SECTION 10: STABILITY AND REACTIVITY:

10.1 Reactivity: No data available.
10.2 Stability: Stable.
10.3 Possibility of hazardous reactions: Not determined.
10.4 Conditions to avoid: Not determined.
10.5 Incompatible materials: Not determined.
10.6 Hazardous decomposition products: No data available.
10.7 Polymerization: Hazardous polymerization does not occur.

SECTION 11: TOXICOLOGICAL INFORMATION:

11.1
Toxicological information: No information available.
Acute toxicity: No data available.
Oral LD50: No data available.
Inhalation LC50: No data available.
Dermal LD50: No data available.
Other information on acute toxicity: No data available.
Skin corrosion/irritation – human skin model test: Not determined.
Serious eye damage/irritation: Not determined.
Respiratory sensitization: No information available.
Skin sensitization: No information available.
Germ cell mutagenicity (in vitro): No information available.
Germ cell mutagenicity (in vivo): No information available.
Carcinogenicity: Not determined.
Reproductive toxicity No information available.

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Teratogenicity: No data available.

STOT-single exposure: Not determined.

STOT-repeated exposure: Not determined.

Aspiration hazard: Not determined.

Inhalation: No information available.

Ingestion: No information available.

Skin contact: No information available.

Eye contact: No information available.

Health warnings: Because of quantity and composition, the health hazard is small. Route of entry: Skin and/or eye contact.

Medical symptoms: No specific symptoms noted.

11.2.1. Endocrine disrupting properties:Endocrine disrupting properties: No information available.

SECTION 12: ECOLOGICAL INFORMATION:

12.1 Ecotoxicity effects: No information available.

12.2 Mobility in soil: No information available.

12.3 Biodegradation: Inherently biodegradable.

12.4 Bio accumulative potential: Does not bioaccumulate.

12.5 Results of PBT and vPvB assessment: No information available.

12.6 Other adverse effects: Not determined.

12.7 Endocrine disrupting properties: no data available

SECTION 13: DISPOSAL CONSIDERATIONS:

13.1 Contact a licensed professional waste disposal service to dispose of this material. Waste treatment methods: dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION:

General: the product is not covered by international regulation on the transport of dangerous goods

(IMDG, IATA, ADR/RID)

Road transport notes: Not classified.

Rail transport notes: Not classified.

Sea transport notes: Not classified.

Air transport notes: Not classified.

DOT (US): Not dangerous goods.

14.1 UN number: Not applicable.

14.2 UN proper shipping name: Not applicable.

14.3 Transport hazard class(es): Not applicable.

14.4 Packing group: Not applicable.

14.5 Special precautions for user: Not applicable.

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SECTION 15: REGULATORY INFORMATION

15.1 Safety, health, and environmental regulations/legislation specific for the substance or mixture:

Approved code of practice: Classification and labeling of substances and preparations dangerous for supply.

Safety data sheets for substances and preparations.

EU Legislation: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December

2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2 U.S. Federal Regulations: SARA 313: This product is not regulated by SARA.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61): This product does not contain HAPs.

15.3 U.S. State Regulations: California Proposition 65: This product does not contain chemicals listed under Proposition 65.

15.4 WHMIS hazard class: Non-controlled. This product has been classified according to the hazard criteria of the CPR

and the MSDS contains all of the information required by the CPR.

15.5 Chemical safety assessment: No chemical safety assessment has been carried out

SECTION 16: OTHER INFORMATION:

The above information is believed to be correct but does not purport to be all inclusive and should be used only as a guide for experienced personnel. Biosensis shall not be held liable for any damage resulting from the handling or from contact with the above product.