



## SAFETY DATA SHEET

DATE: 31st October 2024

### **1. Identification**

**Product Name:** Flucytosine

**CAS Number:** 2022-85-7

**Recommended use/Use advised against:** No information available

**Details of the Australian Supplier:**

Astral Scientific Pty Ltd  
29 Mangrove Lane  
Taren Point NSW 2229

**Company Phone Number:** 02 9540 2055

**Email Address:** [support@astralscientific.com.au](mailto:support@astralscientific.com.au)

**Emergency Telephone Number:** 13 11 26

### **2. Hazard(s) Identification**

**Classification**

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

**Label Elements including Precautionary Statements**

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.



GHS OK

### **3. Composition / Information on ingredients**

Substance/Mixture	CAS #	Molecular weight
Substance	2022-85-7	129.09 g/mol

No components need to be disclosed according to the applicable regulations.

### **4. First-aid measures**

**General Advice**

Consult a physician. Show this material safety data sheet to the doctor in attendance.

<b>Eye Contact</b>	After eye contact: rinse out with plenty of water as a precaution.
<b>Skin Contact</b>	Wash off with soap and plenty of water. Consult a physician.
<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration. Get medical attention.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
<b>Most important symptoms/effects</b>	The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

## **5.Fire-fighting measures**

<b>Suitable extinguishing media</b>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
<b>Unsuitable extinguishing media</b>	No information available

### **Specific hazards arising from the chemical**

Carbon oxides  
Nitrogen oxides (NO<sub>x</sub>)  
Hydrogen fluoride

### **Protective equipment and precautions for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

### **Further information**

No information available.

## **6.Accidental release measure**

<b>Personal precautions</b>	Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.
<b>Environmental precautions</b>	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
<b>Methods for containment/clean-up</b>	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

## **7. Handling and storage**

<b>Handling</b>	Wear personal protective equipment/face protection. Ensure adequate ventilation. Do not get in eyes. Avoid contact with skin and eyes. Avoid formation of dust and aerosols.
<b>Storage</b>	Keep container tightly closed in a dry and well-ventilated place. Store in a cool place, at room temperature.

## **8. Exposure controls / personal protection**

### **Personal protective equipment**

<b>Eye/Face protection</b>	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses
<b>Skin and body protection</b>	Wear appropriate protective gloves and clothing to prevent skin exposure.
<b>Respiratory protection</b>	Use a approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
<b>Hygiene measures</b>	Handle in accordance with good industrial hygiene and safety practice.

## **9. Physical and chemical properties**

<b>Physical state</b>	Powder
<b>Appearance</b>	White
<b>Odor</b>	No information available
<b>Odor threshold</b>	No information available
<b>pH</b>	No information available
<b>Melting point/range</b>	295 °C
<b>Boiling point/range</b>	No information available
<b>Flash point</b>	No information available
<b>Evaporation rate</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Flammability or explosive elements</b>	
<b>Upper</b>	No information available
<b>Lower</b>	No information available
<b>Vapor pressure</b>	No information available

<b>Vapor density</b>	No information available
<b>Specific gravity</b>	No information available
<b>Solubility</b>	No information available
<b>Partition coefficient; n-octanol/water</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Viscosity</b>	No information available

## **10.Stability and reactivity**

<b>Reactive hazard</b>	No information available
<b>Stability</b>	Stable under normal conditions
<b>Conditions to avoid</b>	No information available
<b>Incompatible materials</b>	Strong oxidizing agents
<b>Hazardous decomposition products</b>	In the event of fire: see section 5
<b>Hazardous reactions</b>	No information available

## **11.Toxicological information**

### **Acute Toxicity**

#### **Product information / Component information**

<b>Component</b>	<b>LD50 Oral</b>	<b>LD50 Dermal</b>	<b>LC50 Inhalation</b>
Flucytosine	LD50 Oral - Rat - > 15,000 mg/kg	No information available	No information available

<b>Toxicologically synergistic products</b>	No information available
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### **Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Irritation</b>	No information available
<b>Sensitization</b>	No information available
<b>Carcinogenicity</b>	No information available
<b>Mutagenic effects</b>	No information available
<b>Reproductive effects</b>	No information available
<b>Developmental effects</b>	No information available
<b>Teratogenicity</b>	No information available
<b>STOT – single exposure</b>	No information available

**STOT – repeated exposure** No information available

**Aspiration hazard** No information available

**Endocrine disruptor information** No information available

**Other adverse effects** No information available

## **12.Ecological information**

### **Ecotoxicity**

No information available

**Persistence and degradability** No information available

**Bioaccumulation/accumulation** No information available

**Mobility** No information available

## **13.Disposal considerations**

**Waste disposal methods** No information available

## **14.Transport information**

**DOT** Not dangerous goods

**TDG** Not dangerous goods

**IATA** Not dangerous goods

**IMDG/IMO** Not dangerous goods

## **15.Regulatory information**

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

Standard for the Uniform Scheduling of Medicines and Poisons: Schedule 4

**Revision date** 31<sup>st</sup> October 2024

**Revision Note** No information available.

### **Disclaimer**

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**End of Safety Data Sheet**