

# SAFETY DATA SHEET

## GTS-21

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### Section 1: Identification

Product name: GTS-21  
Chemical name: GTS-21  
CAS number: 148372-04-7  
Molecular formula: C<sub>16</sub>H<sub>20</sub>N<sub>2</sub>O<sub>3</sub>  
Molecular weight: 288.34 g/mol  
Recommended use: Laboratory research use only  
Uses advised against:  
Not for food, drug, cosmetic or household use.

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### Section 2: Hazard(s) identification

This substance has not been fully evaluated for hazard classification according to Regulation (EC) No. 1272/2008 (CLP).

Signal word: None assigned

Hazard statements:

Not classified based on available data.

Precautionary statements

P261 Avoid breathing dust

P264 Wash hands thoroughly after handling

P270 Do not eat, drink or smoke when using this product

P280 Wear protective gloves, protective clothing and eye protection

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### Section 3: Composition / information on ingredients

Substance: GTS-21

CAS number: 148372-04-7

Molecular formula: C<sub>16</sub>H<sub>20</sub>N<sub>2</sub>O<sub>3</sub>

Molecular weight: 288.34 g/mol

The product is supplied as a single substance for laboratory use.

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### Section 4: First aid measures

General advice

Seek medical attention if symptoms occur.

Inhalation

Move person to fresh air. If irritation or discomfort occurs, seek medical attention.

Skin contact

Wash with soap and water. Remove contaminated clothing.

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.

Ingestion

Rinse mouth with water. Do not induce vomiting unless directed by medical personnel.

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### **Section 5: Fire-fighting measures**

Suitable extinguishing media

Water spray, dry chemical, foam or carbon dioxide.

Hazardous combustion products

Carbon oxides, nitrogen oxides and irritating fumes may form during combustion.

Advice for firefighters

Wear self-contained breathing apparatus and protective clothing.

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### **Section 6: Accidental release measures**

Personal precautions

Ensure adequate ventilation. Avoid dust formation. Wear appropriate protective equipment.

Environmental precautions

Prevent release into drains or the environment.

Methods for cleaning up

Collect spilled material carefully and place in a suitable container for disposal.

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### **Section 7: Handling and storage**

Handling

Handle in accordance with good laboratory safety practices. Avoid contact with skin and eyes. Avoid breathing dust.

Storage

Store in a tightly sealed container in a cool, dry and well-ventilated area. Protect from heat, moisture and direct sunlight.

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### **Section 8: Exposure controls / personal protection**

Engineering controls

Use adequate ventilation or chemical fume hood.

Eye protection

Safety glasses or chemical safety goggles.

Hand protection  
Protective gloves.

Skin protection  
Laboratory coat or suitable protective clothing.

Respiratory protection  
Use respiratory protection if dust exposure is possible.

Hygiene measures  
Wash hands thoroughly after handling.

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### **Section 9: Physical and chemical properties**

Appearance: Powder  
Color: White to off-white  
Odor: No data available  
Melting point: No reliable data available  
Boiling point: No data available  
Solubility: No reliable data available

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### **Section 10: Stability and reactivity**

Chemical stability  
Stable under recommended storage conditions.

Conditions to avoid  
Heat, moisture, direct sunlight.

Incompatible materials  
Strong oxidizing agents.

Hazardous decomposition products  
Carbon oxides and nitrogen oxides.

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### **Section 11: Toxicological information**

No comprehensive toxicological data available.  
Handle as a substance with incomplete toxicological characterization.

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### **Section 12: Ecological information**

No specific ecological data available.  
Avoid uncontrolled release to the environment.

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**Section 13: Disposal considerations**

Dispose of contents and container in accordance with local, regional and national regulations.  
Handle as laboratory chemical waste.

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**Section 14: Transport information**

Not classified as dangerous goods for transport under ADR / IMDG / IATA regulations.

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**Section 15: Regulatory information**

This substance is supplied for laboratory research purposes only.

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**Section 16: Other information**

The information provided in this Safety Data Sheet is based on available chemical data and is intended for laboratory use and handling guidance.