



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Flucytosine

30-4508

Section 1: Identification

Product Name Flucytosine
Commercial Name Flucytosine
Product Use Not available
Restrictions On Use Not available

Product Code 30-4508

Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Reproductive toxicity Category 2
CFR 1910.1200

Signal Word WARNING

Hazard Statement(s) Suspected of damaging the unborn child.

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection.
Response If exposed or concerned: Get medical advice/attention.
Storage Store locked up.
Disposal Not available.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Flucytosine
% By Weight 100
CAS# 2022-85-7
Molecular Weight 129.09
Chemical Formula C₄H₄FN₃O
Synonym(s) no data available

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Flucytosine	2022-87-7	100	N/A	N/A

Section 4: First-Aid Measures

Inhalation	Move to fresh air in case of accidental inhalation. Assure fresh air breathing.
Skin Contact	Rinse skin with water/shower.
Eye Contact	Rinse with water while holding the eyes wide open. Contact lenses should be removed.
Ingestion	Rinse mouth out with water.
Symptoms/Effects	
Acute	Not available
Delayed	Not available
Immediate Medical Attention	
no data available	

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Water spray. Carbon dioxide. Dry powder.

Unsuitable Extinguishing Media

Do not use a heavy water stream

Products of Combustion

Incomplete combustion will generate poisonous carbon monoxide, carbon dioxide and other toxic gases.

Firefighters Special Equipment and Precautions

Use water spray or fog for cooling exposed containers. Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6: Accidental Release Measures

General precautions: Remove ignition sources. Evacuate area. Personal precautions: Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection. Clean up methods: To clean the floor and all objects contaminated by this material, use: Water./Detergent. Avoid dust production. Ensure adequate ventilation

Section 7: Handling and Storage

Personal protection: Avoid all unnecessary exposure. Ensure prompt removal from eyes, skin and clothing. Technical protective measures: Material should be handled in a laboratory hood whenever possible. Handling: Handle in accordance with good industrial hygiene and safety procedures. Storage: Keep container tightly closed in a cool, well ventilated place. Storage – away from: All heat sources, including direct sunlight. Open flame. Sources of ignition. Sparks. Incompatible materials.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	no data available
Engineering Controls	Provide local exhaust or general room ventilation
Personal Protection	Respiratory protection: Wear approved mask. In case of insufficient ventilation, wear suitable respiratory equipment. - Hand protection : Wear suitable gloves resistant to chemical penetration. - Skin protection : Wear suitable protective clothing - Eye protection : Chemical goggles or safety glasses.

Section 9: Physical and Chemical Properties

Appearance	white powder		
Odor	not available.		
Odor Threshold	not available		
Melting Point	295-297°C	pH	not available
Freezing Point	not available	Vapor Pressure	no data available
Boiling Point/Range	no data available	Vapor Density	no data available
Decomposition temperature	not available	Viscosity	no data available
Partition Coefficient: n-octanol/water	not available	Evaporation Rate	not available
Flash Point	no data available	Autoignition temperature	not available
Flammability	not available	Flammability or Explosive Limits:	
		Lower	not available
		Upper	not available
Solubility(ies)	Partially soluble in water.		
Other	no data available		

Section 10: Stability and Reactivity

Reactivity	Stable under normal conditions.
Chemical Stability	Stable under normal conditions.
Hazardous Polymerization	Will not occur.
Conditions to Avoid	Heat. Sources of ignition
Incompatible Materials	Strong oxidizers
Hazardous Decomposition Products	Carbon monoxide. Hydrogen fluoride. Nitrogen oxides. Carbon dioxide. When heated to decomposition, emits dangerous fumes.

Section 11: Toxicological Information

RTECS no data available

Acute Toxicity

Rat oral LD50 [mg/kg] : >15000

Skin Corrosion/Irritation

no data available

Serious Eye Damage/Irritation

no data available

Respiratory or Skin Sensitization

Exposure may produce an allergic reaction.

Germ Cell Mutagenicity

no data available

Carcinogenicity

no data available

Reproductive Toxicity

Suspected of damaging the unborn child.

Routes of Entry

Inhalation.

Symptoms Related to Exposure

no data available

Potential Health Effects

Avoid any direct contact with the product.

Target Organ(s) no data available**Section 12: Ecological Information****Ecotoxicity**

Do not allow product to enter drinking water supplies, waste water or soil

Persistence and Degradability

no data available

Bioaccumulative Potential

Log P octanol / water at 20°C : -1.41

Mobility in Soil

no data available

Other Adverse Effects

no data available

Section 13: Disposal Considerations**Waste Disposal**

Dispose of this material and its container at hazardous or special waste collection point. Dispose in a safe manner in accordance with local/ national regulations.

Disposal of Container

no data available

Other Considerations

no data available

Section 14: Transport Information**DOT Classification**

DOT (US) Not dangerous goods IMDG Not dangerous goods IATA Not dangerous goods

Section 15: Regulatory Information**Regulations**

No data available

Other

No data available.

Section 16: Other Information

No data available.