MEDICAL ISOTOPES, Inc.

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SAFETY DATA SHEET

SECTION 1. Identification

Product:

Product Name: 5-Fluoro Cytosine-^{13}C,$^{15}N_2$
Catalog number: D3436

Supplier:

Medical Isotopes, Inc.
100 Bridge Street
Pelham, NH 03076 USA
Tel: +1-603-635-2255 Fax: +1-603-635-2448
Email: info@medicalisotopes.com

Suitability:

For laboratory use only.

SECTION 2. Hazard(s) identification

Hazard classification:

Reproductive toxicity (Category 2), H361

Signal Word:

Warning

Hazard Statements:

H361 Suspected of damaging fertility or the unborn child.

Pictogram:

Precautionary Statements:

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

Other hazards:

None

SECTION 3. Composition/Information on Ingredients

Chemical name:

6-Amino-5-fluoro-2(1H)-pyrimidinone-13C,15N2

Synonyms:

5-Fluorocytosin-13C,15N2 ; 5-Fluorocytosine-13C,15N2; 6-Amino-2-oxo-5-fluoropyrimidine-13C,15N2; Alcobon-13C,15N2; Ancotyl-13C,15N2; NSC 103805-13C,15N2

CAS number:

2022-85-7 (unlabeled)

Impurities/Additives:

N/A

SECTION 4. FIRST AID MEASURES

Skin Contact: Wash with soap and water for several minutes. Consult a physician.
Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Inhalation: Remove from exposure and move to fresh air immediately. Consult a physician.
Eye Contact: Rinse thoroughly with plenty of water. Consult a physician.

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Use water spray, foam, dry chemical or carbon dioxide.

Special protective equipment for firefighters

Wear self contained breathing apparatus for fire-fighting if necessary.

Hazardous combustion products: Carbon oxides, nitrogen oxides, hydrogen fluoride

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Make sure to wear appropriate protective equipment as listen in section 8. Avoid breathing dust,

vapors, or mists.
Spill Clean-up Methods: Clean up spills immediately, observing precautions in the Protective Equipment section. Cover with a non-combustible material (e.g. sand, earth, diatomaceous earth), sweep up, and place into a suitable container for disposal. Avoid breathing the resulting dust.

SECTION 7. HANDLING & STORAGE

Usage/Handling Precautions: Make sure to wear appropriate PPE as listed in section 8. Avoid contact with skin and eyes.
Storage Conditions: Keep tightly closed and store at 2-8 ^{o}C

SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering Controls: Use fumehood if available.
Personal Protective Equipment
Eyes: Always wear safety glasses when working with chemicals. Wear chemical goggles when working with liquids.
Skin: Wear protective gloves and a lab coat to prevent skin exposure.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Off-White Solid
Odor: N/A
pH: N/A
Melting Point: 295-297 ^{o}C
Water Solubility (%): N/A
Flash Point (°C): N/A
Vapor pressure: N/A
Autoignition Temperature (°C): N/A
Flammability Limits in Air (% by Vol.): N/A

SECTION 10. STABILITY & REACTIVITY

Reactivity: N/A
Chemical Stability: Stable under recommended storage conditions
Conditions to Avoid: Strong oxidizing agents.

SECTION 11. TOXICOLOGICAL INFORMATION

Inhalation: N/A
Ingestion: LD50 oral – rat >15000 mg/kg
Skin and eye contact: N/A
Other: N/A

SECTION 12. ECOLOGICAL INFORMATION

N/A

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Procedures: Via licensed disposal company. Dispose of according to federal, state/province and local regulations.

SECTION 14. TRANSPORT INFORMATION

Not dangerous goods.

SECTION 15. REGULATORY INFORMATION

N/A

SECTION 16. OTHER INFORMATION

Preparation information: Last revised on 6/10/2015.

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