

## MEDICAL ISOTOPES, Inc.

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### SAFETY DATA SHEET

#### SECTION 1. Identification

**Product:**

Product Name: Hydroxy Urea-<sup>13</sup>C,<sup>15</sup>N<sub>2</sub>  
Catalog number: CN27061

**Supplier:**

Medical Isotopes, Inc.  
100 Bridge Street  
Pelham, NH 03076 USA  
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**Suitability:**

For laboratory use only.

#### SECTION 2. Hazard(s) identification

**Hazard classification:**

Reproductive Toxicity (Category 2), H361  
Germ Cell Mutagenicity (Category 1B), H340

**Signal Word:**

Danger

**Hazard Statements:**

H361 Suspected of damaging fertility or the unborn child.  
H340 May cause genetic defects.

**Pictogram:**



**Precautionary Statements:**

P264 Wash skin thoroughly after handling.  
P308 + P313 IF exposed or concerned: Get medical advice/attention.

**Other hazards:**

None

#### SECTION 3. Composition/Information on Ingredients

**Chemical name:**

Carbamohydroxamic Acid-13C,15N2

**Synonyms:**

N-Hydroxyurea-13C,15N2; Biosuppressin-13C,15N2; Carbamoyl Oxime-13C,15N2; Cytodrox-13C,15N2;  
Droxia-13C,15N2; Hydrea-13C,15N2; Hydreaia-13C,15N2; Hydroxycarbamide-13C,15N2;  
Hydroxycarbamine-13C,15N2

**CAS number:**

N/A

**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

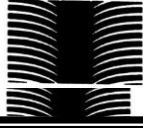
**Suitable extinguishing media**

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.



**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Make sure to wear appropriate protective equipment as listed 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 in a dry and well-ventilated place. Store at -20 °C, under inert gas.

**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:** 126-131 °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 5760 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 7/30/2015.

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE



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