



MEDICAL ISOTOPES, Inc.

100 Bridge Street, Pelham, NH 03076, USA

Tel: (603) 635-2255 Toll Free: (800) 374-9513 Fax: (603) 635-2448

E-mail: info@medicalisotopes.com Internet: www.medicalisotopes.com

SAFETY DATA SHEET

SECTION 1. Identification

Product:

Product Name: Fluoromethane-d3
Catalog number: D2952

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.

Emergency Contact Information:

Call Chemtrec 24/7
DOMESTIC NORTH AMERICA 800-424-9300
INTERNATIONAL, CALL 703-527-3887 (collect calls accepted)

SECTION 2. Hazard(s) identification

Hazard classification:

Acute toxicity, Oral (Category 2), H300
Acute toxicity, Inhalation (Category 1), H330
Acute toxicity, Dermal (Category 2), H310

Signal Word:

Danger

Hazard Statements:

H220 Extremely flammable gas.
H280 Contains gas under pressure; may explode if heated.
May displace oxygen and cause rapid suffocation.

Pictogram:



Precautionary Statements:

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P377 Leaking gas fire: Do not extinguish, unless leak can be stopped safely.
P381 Eliminate all ignition sources if safe to do so.
P410 + P403 Protect from sunlight. Store in a well-ventilated place.

Other hazards:

None

SECTION 3. Composition/Information on Ingredients

Chemical name:

Norepinephrine

Synonyms:

Methyl-d3 fluoride

CAS number:

558-21-4

Impurities/Additives:

N/A

SECTION 4. FIRST AID MEASURES

Skin Contact:

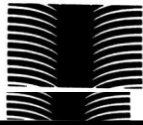
Wash with soap and water for several minutes. Consult a physician.

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.



MEDICAL ISOTOPES, Inc.

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. Hydrogen Fluoride

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 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: Liquefied gas

Odor: N/A

pH: N/A

Melting Point: -141.8 °C (-223.2 °F) - lit.

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: N/A

Skin and eye contact: N/A

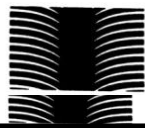
Other: N/A

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

DOT (US)

UN number: 2242 Class: 2.1

Proper shipping name: Methyl fluoride

Poison Inhalation Hazard: No

IMDG

UN number: 2454 Class: 2.1 EMS-No: F-D, S-U

Proper shipping name: METHYL FLUORIDE

IATA

UN number: 2454 Class: 2.1

Proper shipping name: Methyl fluoride

IATA Passenger: Not permitted for transport

SECTION 15. REGULATORY INFORMATION

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Fire Hazard, Sudden Release of Pressure Hazard

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

Fluoromethane-d3

CAS-No.

558-21-4

New Jersey Right To Know Components

Fluoromethane-d3

CAS-No.

558-21-4

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16. OTHER INFORMATION

Flam. Gas

H220

H280

Press. Gas

SA Simple

May displace oxygen and cause rapid suffocation.

Flammable gases

Extremely flammable gas.

Contains gas under pressure; may explode if heated.

Gases under pressure

Asphyxiant

HMIS Rating

Health hazard: 0

Chronic Health Hazard: *

Flammability: 4

Physical Hazard 3

NFPA Rating

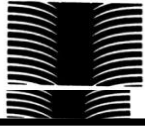
Health hazard: 0

Fire Hazard: 4

Reactivity Hazard: 0

Preparation information: Last revised on 08/11/16

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



MEDICAL ISOTOPES, Inc.

AND SHALL BE USED ONLY AS A GUIDE. MEDICAL ISOTOPES, INC. SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT.