



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: 1,3-Propylene-d₆ Thiourea
Catalog number: D535

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:

Skin irritation (Category 2), H315
Eye irritation (Category 2A), H319
Specific target organ toxicity – single exposure (Category 3), H335

Signal Word:

Warning

Hazard Statements:

Causes skin irritation
Causes serious eye irritation
May cause respiratory irritation

Pictogram:



Precautionary Statements:

Avoid breathing dust/fume/gas/mist/vapors/spray
Wash skin thoroughly after handling
Use only outdoors or in a well-ventilated area
Wear protective gloves/protective clothing/eye protection/face protection

Other hazards:

None

SECTION 3. Composition/Information on Ingredients

Chemical name:

1,3-Propylene-d₆ Thiourea

Synonyms:

Tetrahydropyrimidine-2(1H)-thione-d₆

CAS number:

1219802-05-7

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

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.

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: Solid

Odor: N/A

pH: N/A

Melting Point: 210 - 212 °C - 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)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15. REGULATORY INFORMATION

N/A

SECTION 16. OTHER INFORMATION

HMIS Rating

Health hazard: 2

Chronic Health Hazard: *

Flammability: 0

Physical Hazard 0

NFPA Rating

Health hazard: 2

Fire Hazard: 0

Reactivity Hazard: 0

Preparation information: Last revised on 08/30/16

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