



MEDICAL ISOTOPES, Inc.

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SAFETY DATA SHEET

SECTION 1. Identification

Product:

Product Name: (+/-)-Warfarin-d₅ (phenyl-d₅)
Catalog number: D14593

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:

Acute toxicity, Oral (Category 1), H300
Acute toxicity, Dermal (Category 4), H312
Reproductive toxicity (Category 1A), H360
Specific target organ toxicity - repeated exposure, Oral (Category 1), H372

Signal Word:

Danger

Hazard Statements:

H300 Fatal if swallowed.
H312 Harmful in contact with skin.
H360 May damage fertility or the unborn child.
H372 Causes damage to organs through prolonged or repeated exposure if swallowed.

Pictogram:



Precautionary Statements:

P264 Wash skin thoroughly after handling.
P301 + P310 + P330 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician. Rinse mouth.
P302 + P352 + P312 IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER or doctor/ physician if you feel unwell.
P308 + P313 IF exposed or concerned: Get medical advice/ attention.

Other hazards:

None

SECTION 3. Composition/Information on Ingredients

Chemical name:

(+/-)-Warfarin-d₅ (phenyl-d₅)

Synonyms:

3-(α -Acetonylbenzyl)-4-hydroxycoumarin-d₅; 4-Hydroxy-3-(3-oxo-1-phenylbutyl)-2H-1-benzopyran-2-one-d₅

CAS number:

75472-93-4

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.

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. Store at room temperature.

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: White Solid

Odor: N/A

pH: N/A

Melting Point: 161 °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/reducing agents, strong acids, strong bases.

SECTION 11. TOXICOLOGICAL INFORMATION

Inhalation: N/A

Ingestion: LD50 oral – rat 1.6 mg/kg

Skin and eye contact: N/A

Other: LD50 intraperitoneal – mouse 750 mg/kg

SECTION 12. ECOLOGICAL INFORMATION

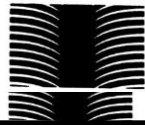
N/A

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.



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SECTION 15. REGULATORY INFORMATION

N/A

SECTION 16. OTHER INFORMATION

Preparation information: Last revised on 7/7/2015.

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