

MEDICAL ISOTOPES, Inc.

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SAFETY DATA SHEET

SECTION 1. Identification

Product:

Product Name: 24,25-Dihydroxy Vitamin D2-d₃
Catalog number: D69643

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 Infotrac 24/7
DOMESTIC NORTH AMERICA 1-800-535-5053 (United States, Canada, Mexico)
INTERNATIONAL, CALL 1-352-323-3500

SECTION 2. Hazard(s) identification

Hazard classification:

Acute toxicity, Oral (Category 4), H302
Skin irritation (Category 2), H315
Eye irritation (Category 2A), H319
Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335

Signal Word:

Warning

Hazard Statements:

H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes eye irritation.
H335 May cause respiratory irritation.

Pictogram:



Precautionary Statements:

P264 Wash skin thoroughly after handling.
P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P330 Rinse mouth.
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
P337 + P313 If eye irritation persists: Get medical advice/ attention.

Other hazards:

None

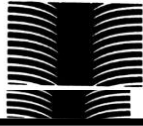
SECTION 3. Composition/Information on Ingredients

Chemical name:

24,25-Dihydroxy Vitamin D2-d₃

Synonyms:

N/A



MEDICAL ISOTOPES, Inc.

CAS number:

118584-50-2

71183-99-8 (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

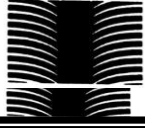
Wear self contained breathing apparatus for fire-fighting if necessary.

Hazardous combustion products: Carbon oxides.**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 and store at -86 °C, under inert atmosphere**SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION****Engineering Controls:** Use fume hood 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:** N/A**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, acid chlorides, acid anhydrides.**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: 2811 Class: 6.1 Packing group: II
Proper shipping name: Toxic solids, organic, n.o.s. (24,25-Dihydroxy Vitamin D2-d₃)
Reportable Quantity (RQ):
Poison Inhalation Hazard: No

IMDG

UN number: 2811 Class: 6.1 Packing group: II EMS-No: F-A, S-A
Proper shipping name: TOXIC SOLID, ORGANIC, N.O.S. (24,25-Dihydroxy Vitamin D2-d₃)

IATA

UN number: 2811 Class: 6.1 Packing group: II
Proper shipping name: Toxic solid, organic, n.o.s. (24,25-Dihydroxy Vitamin D2-d₃)

SECTION 15. REGULATORY INFORMATION

N/A

SECTION 16. OTHER INFORMATION

Preparation information: Last revised on 9/21/2021

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.