



MEDICAL ISOTOPES, Inc.

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SAFETY DATA SHEET

SECTION 1. Identification

Product:

Product Name: Vincristine-d₃ Sulfate
Catalog number: D31951

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 2), H300
Germ cell mutagenicity (Category 2), H341
Reproductive toxicity (Category 2), H361

Signal Word:

Danger

Hazard Statements:

H300 Fatal if swallowed.
H341 Suspected of causing genetic defects.
H361 Suspected of damaging fertility or the unborn child.

Pictogram:



Precautionary Statements:

P264 Wash skin thoroughly after handling.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P308 + P313 IF exposed or concerned: Get medical advice/ attention..

Other hazards:

None

SECTION 3. Composition/Information on Ingredients

Chemical name:

Vincristine-d₃ Sulfate

Synonyms:

22-Oxovincaleukoblastine-d₃ Sulfate; Leurocristine-d₃ Sulfate; Kyocristine-d₃; Lilly 37231-d₃; NSC 67574-d₃; Novopharm-d₃; Oncovin-d₃; Onkovin-d₃; VCR Sulfate-d₃; Vincasar PFS-d₃; Vincrisul-d₃

CAS number:

2068-78-2 (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.



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Special protective equipment for firefighters

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

Hazardous combustion products: Carbon oxides, nitrogen oxides, sulfur 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 -20 °C

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: >250 °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: N/A

Skin and eye contact: N/A

Other: LD₅₀: Intraperitoneal – rat – 1.9 mg/kg; Intravenous – rat – 1.01 mg/kg; Intravenous – mouse – 1.7 mg/kg

Reproductive Toxicity: Laboratory experiments have shown teratogenic effects.

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

IMDG UN number: 2811 Class: 6.1 Packing Group: II

IATA UN number: 2811 Class: 6.1 Packing Group: II

SECTION 15. REGULATORY INFORMATION

N/A



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SECTION 16. OTHER INFORMATION

Preparation information: Last revised on 6/9/2015.

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