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# **MATERIAL SAFETY DATA SHEET**

### CHEMICAL PRODUCT AND COMPANY INFORMATION

7-BETA-HYDROXYCHOLESTEROL (25,26,26,26,27,27,27-D7, 98%) (CHEM. PURITY 97%) **Product Description** 

Cambridge Isotope Laboratories, Inc. 50 Frontage Rd ANDOVER, MA 01810 USA

E-mail Web Site cilsales@isotope.com www.isotope.com

**Phone Numbers** 

**Emergency Contact** Chemtrec

**Emergency Phone** 1-800-424-9300 (24 hours)

**Customer Service** 

Phone

1-800-322-1174 (8:30-5:30 EST)

Transportation 1-202-483-7616 (24 hours)

#### 2 **HAZARDS IDENTIFICATION**

### **Target Organs**

Nerves, Heart, Liver

## **HMIS Ratings**

Physical 0 Flammability 0 Health 0

### NFPA Codes

Fire 0 Flammability 0 Health 0

## Potential Health Effects

Eyes Contact may cause eye irritation. Ingestion May be harmful if swallowed.

May be harmful if inhaled. May cause respiratory tract irritation. Inhalation May be harmful if absorbed through skin. May cause skin irritation. Skin



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#### 3 COMPOSITION / INFORMATION ON INGREDIENTS

Composition / Information on Ingredients

Chemical Formula C27D7H39O2

Molecular Weight 409.70

CAS No. 566-27-8 (Unlabeled)

#### 4 FIRST AID MEASURES

#### First Aid Measures

Eyes Flush eyes with water as a precaution.

Ingestion Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a

physician.

Inhalation If breathed in, move person to fresh air. If not breathing, give artificial respiration. Consult a

physician.

Skin Wash with soap and plenty of water. Consult a physician.

Additional

Information

Move out of dangerous area. Consult a physician and show this safety data sheet.

## 5 FIRE FIGHTING MEASURE

## Fire Fighting Measures

Extinguishing Media Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

Fire Fighting

Wear self contained breathing apparatus for fire fighting if necessary.

Equipment

#### 6 ACCIDENTAL RELEASE MEASURES

### Accidental Release Measures

Personal Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent

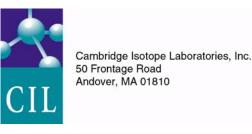
Precautions inhalation of dust.

Environmental

Do not empty into drains.

Precautions

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# **MATERIAL SAFETY DATA SHEET**

Methods and materials for containment and cleanup

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

#### 7 HANDLING AND STORAGE

Precautions for Safe Handling

Handling User Exposure: Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or

repeated exposure.

Conditions for Safe Storage

Storage Store at room temperature away from light and moisture.

### **EXPOSURE CONTROL / PERSONAL PROTECTION**

Personal Protecton

Work Hygienic

Eyes - Face Wear safety glasses with side shields (or goggles) and a face shield.

Skin Choose body protection according to the amount and concentration of the dangerous substance at

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks

the work place.

Respiratory When appropriate, use NIOSH/CEN approved respirator.

**Protective Clothing** Wear suitable protective clothing and gloves.

**Practices** and at the end of workday.

## PHYSICAL AND CHEMICAL PROPERTIES

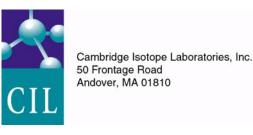
Physical and Chemical Properties (Unlabeled Compound)

Solid Form

Odor Threshold No data available

рΗ No data available Melting Point No data available **Boiling Point** No data available Flashpoint No data available

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No data available

# **MATERIAL SAFETY DATA SHEET**

**Evaporation Rate** No data available Fammability No data available Lower Explosion No data available Limit

Upper Explosion

Limit

Vapor Pressure No data available Vapor Density No data available No data available Density No data available Solubility in Water Partition Coefficient No data available No data available Auto Ignition

Temperature

Decomposition No data available

Temperature

Viscosity No data available

#### 10 STABILITY AND REACTIVITY

Stability and Reactivity

**Chemical Stability** Stable if stored under recommended conditions.

Polymerization Will not occur.

Possibility of

Not available

Hazardous Reactions

Conditions to Avoid Not available

Hazardous

Formed under fire conditions: Carbon monoxide, Carbon dioxide, Nitrogen oxides

decomposition products

Formed under fire conditions: Phosphorus oxides

#### **TOXICOLOGICAL INFORMATION** 11

**Acute Toxicity** 

No data available Serious

Damage/Eye Irritation

Skin No data available

Corrosion/Irritation

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# **MATERIAL SAFETY DATA SHEET**

No data available Inhalation

Respiratory or Skin

Sensitization

Not available

Germ Cell Mutagenicity Not available

IARC No component of this product present at levels greater than or equal to 0.1% is identifiable as

probable, possible, or confirmed human carcinogen by IARC.

**ACGIH** No component of this product present at levels greater than or equal to 0.1% is identifiable as a

carcinogen or potential carcinogen by ACGIH.

NTP No component of this product present at levels greater than or equal to 0.1% is identifiable as a

known or anticipated carcinogen by NTP.

**OSHA** No component of this product present at levels greater than or equal to 0.1% is identified as a

carcinogen or potential carcinogen by OSHA.

Reproductive

**Toxicity** 

Not available

Specific Target Organ Toxicity

Single Exposure No data available Repeated Exposure No data available

Signs and Symptoms of Exposure

The chemical, physical, and toxicological properties have not been thoroughly investigated.

Other Information

General Comments Not available

#### 12 **ECOLOGICAL INFORMATION**

### **Toxicity**

Persistance and

Not available

Degradability

Potential

Bioaccumulative

Not available

Mobility in Soil

Not available

PBT and vPvB

Not available

Assessment



# **MATERIAL SAFETY DATA SHEET**

Other Adverse Effects Not available

### 13 DISPOSAL CONSIDERATIONS

**Disposal Considerations** 

Product Disposal Waste materials should be disposed of under conditions which meet Federal, State, and Local

environmental control regulations.

#### 14 TRANSPORT INFORMATION

Transportation Information-DOT/IATA/IMDG

Special Shipping

Not dangerous goods.

Notes

## 15 REGULATORY INFORMATION

SARA

Sara 302 No chemicals in this material are subject to the reporting requirements.

Component

Sara 313 No chemicals in this material are subject to the reporting requirements.

Component

## STATE REGULATIONS

California This product does not contain any chemicals known to State of California to cause cancer, birth

Proposition 65 defects, or any other reproductive harm.

Canada

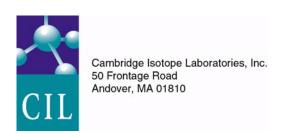
DSL Status No

Safety Statements

Do not breathe dust.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

#### 16 OTHER INFORMATION



# **MATERIAL SAFETY DATA SHEET**

Manufacturer Disclaimer This product is not radioactive. The data given for this product are those of the corresponding unlabeled compound, unless specifically indicated otherwise. Health and safety data for labeled compounds are generally not available, but are assumed to be similar or identical to the corresponding unlabeled compound.

Approved On Version Number 09/15/11