

# SAFETY DATA SHEET

SDS DATE: May 27, 2020

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** LASMIDITAN HEMISUCCINATE

**PRODUCT CODES:** Cat# B3032-5, -25

**RESTRICTIONS ON USE:** For laboratory research purposes. Not for drug or household use.

**MANUFACTURER:** BioVision, Inc.

**ADDRESS:** 155 S. Milpitas Boulevard, Milpitas, CA 95035

**EMERGENCY PHONE:** 858-373-8066

**CHEMTREC PHONE:**

**OTHER CALLS:** 408-493-1800

**FAX PHONE:** 408-493-1801

## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

| Component                | Description | Volume                             | Safety Information |
|--------------------------|-------------|------------------------------------|--------------------|
| LASMIDITAN HEMISUCCINATE | Solid       | B3032-5 (5 mg)<br>B3032-25 (25 mg) | See Below          |

## SECTION 3: HAZARDS IDENTIFICATION

| Product Name/Chemical Name | CAS Number  | EC-No. | Molecular Weight | Chemical Formula   | Concentration |
|----------------------------|-------------|--------|------------------|--|---------------|
| LASMIDITAN HEMISUCCINATE   | 439239-92-6 | --     | 872.8            | C <sub>42</sub> H <sub>42</sub> F <sub>6</sub> N <sub>6</sub> O <sub>8</sub> | 100%          |

### LASMIDITAN HEMISUCCINATE:

#### Emergency Overview

#### GHS Classification:

Acute toxicity, Oral (Category 4), H302

Acute aquatic toxicity (Category 1), H400

Chronic aquatic toxicity (Category 1), H410

#### GHS Label elements, including precautionary statements



Pictogram:

**Signal word:**

**Hazard statement(s):**

H302 Harmful if swallowed.

H410 Very toxic to aquatic life with long lasting effects.

**Precautionary statement(s):**

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P273 Avoid release to the environment.

P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.

P330 Rinse mouth.

P391 Collect spillage.

P501 Dispose of contents/ container to an approved waste disposal plant.

#### HMIS Classification

**Health hazard:** 2

**Chronic health hazard:** \*

**Flammability:** 0

**Physical hazards:** 0

**NFPA Rating**

**Health Hazard:** 2

**Fire:** 0

**Reactivity Hazard:** 0

#### Potential Health Effects

**Inhalation:** May be harmful if inhaled. May cause respiratory tract irritation.

**Skin:** Harmful if absorbed through skin. Causes skin irritation.

**Eyes:** Causes eye irritation.

**Ingestion:** Harmful if swallowed.

## SECTION 4: FIRST AID MEASURES

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## General advice

Consult a doctor and show this safety data sheet.

## Eye contact

Remove any contact lenses, locate eye-wash station, and flush eyes immediately with large amounts of water. Separate eyelids with fingers to ensure adequate flushing. Promptly call a physician.

## Skin contact

Rinse skin thoroughly with large amounts of water. Remove contaminated clothing and shoes and call a physician.

## Inhalation

Immediately relocate self or casualty to fresh air. If breathing is difficult, give cardiopulmonary resuscitation (CPR). Avoid mouth-to-mouth resuscitation.

## Ingestion

Wash out mouth with water; Do NOT induce vomiting; call a physician.

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## SECTION 5: FIRE-FIGHTING MEASURES

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### Suitable extinguishing media

Use water spray, dry chemical, foam, and carbon dioxide fire extinguisher.

### Special hazards arising from the substance or mixture

During combustion, may emit irritant fumes.

### Advice for firefighters

Wear self-contained breathing apparatus and protective clothing.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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### Personal precautions, protective equipment and emergency procedures

Use full personal protective equipment. Avoid breathing vapors, mist, dust or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

### Environmental precautions

Try to prevent further leakage or spillage. Keep the product away from drains or water courses.

### Methods and materials for containment and cleaning up

Absorb solutions with finely-powdered liquid-binding material (diatomite, universal binders); Decontaminate surfaces and equipment by scrubbing with alcohol.

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## SECTION 7: HANDLING AND STORAGE

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### Precautions for safe handling

Avoid inhalation, contact with eyes and skin. Avoid dust and aerosol formation. Use only in areas with appropriate exhaust ventilation.

### Conditions for safe storage, including any incompatibilities

Keep container tightly sealed in cool, well-ventilated area. Keep away from direct sunlight and sources of ignition.

Recommended storage temperature: Store at -20°C

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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This product contains no substances with occupational exposure limit values.

### Personal protective equipment

#### Eye protection

Safety goggles with side-shields.

#### Hand protection

Protective gloves.

#### Skin and body protection

Impervious clothing.

#### Respiratory protection

Suitable respirator.

#### Environmental exposure controls

Keep the product away from drains, water courses or the soil. Clean spillages in a safe way as soon as possible.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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| Property                   | Lasmiditan hemisuccinate |
|----------------------------|--------------------------|
| Appearance:                | Solid                    |
| pH:                        | No data available        |
| Water Solubility:          | No data available        |
| Specific Gravity (g/ml):   | No data available        |
| Boiling Point (°C):        | No data available        |
| Melting Point (°C):        | No data available        |
| Flash Point (°C):          | No data available        |
| Ignition Temperature (°C): | No data available        |
| Density                    | No data available        |

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## SECTION 10: STABILITY AND REACTIVITY

| Property                                 | Lasmiditan hemisuccinate                                   |
|--|--|
| <b>Chemical stability</b>                | Stable under recommended storage conditions.               |
| <b>Conditions to avoid:</b>              | No data available  |
| <b>Materials to avoid:</b>               | Strong acids/alkalis, strong oxidising/reducing agents.    |
| <b>Hazardous decomposition products:</b> | Under fire conditions, may decompose and emit toxic fumes. |

## SECTION 11: TOXICOLOGICAL INFORMATION

### Lasmiditan hemisuccinate:

**Acute toxicity:** No data available

**Skin corrosion/irritation:** no data available

**Serious eye damage/eye irritation:** No data available

**Respiratory or skin sensitization:** No data available

**Germ cell mutagenicity:** Classification criteria are not met based on available data

### Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified 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 identified 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 identified 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:** No data available

**Specific target organ toxicity – single exposure (GHS):** no data available

**Specific target organ toxicity – repeated exposure (GHS):** no data available

**Aspiration hazard:** no data available

### Potential Health Effects

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Skin:** There may be mild irritation at the site of contact.

**Eyes:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Signs and Symptoms of Exposure:** No known symptoms.

**Additional information:** This information is based on our current knowledge. However, the chemical, physical, and toxicological properties have not been completely investigated.

## SECTION 12: ECOLOGICAL INFORMATION

### Lasmiditan hemisuccinate:

**Persistence and degradability:** no data available

**Toxicity:** no data available

**Bioaccumulative potential:** no data available

**Mobility in soil:** no data available

**PBT and vPvB assessment:** PBT/vPvB assessment unavailable as chemical safety assessment not required or not conducted.

**Other adverse effects:** no data available

## SECTION 13: DISPOSAL CONSIDERATIONS

### Product

Dispose substance in accordance with prevailing country, federal, state and local regulations.

### Contaminated packaging

Conduct recycling or disposal in accordance with prevailing country, federal, state and local regulations.

## SECTION 14: TRANSPORT INFORMATION

### Lasmiditan hemisuccinate:

#### DOT (US)

This substance is considered to be non-hazardous for transport.

#### IMDG

UN number: 3077 Class: 9 Packing group: III EMS-No: F-A, S-F

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

Marine pollutant: Marine pollutant

#### IATA

UN number: 3077 Class: 9 Packing group: III

Proper shipping name: Environmentally hazardous substance, solid, n.o.s.

## SECTION 15: REGULATORY INFORMATION

### Lasmiditan hemisuccinate:

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**OSHA Hazards:** Target organ effect, Highly toxic by inhalation, Irritant, Teratogen

**SARA 302 Components:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

**SARA 313 Components:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards:** Acute Health Hazard.

**Massachusetts Right To Know Components:** No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right To Know Components:** No components are subject to the Pennsylvania Right to Know Act.

**New Jersey Right To Know Components:** No components are subject to the New Jersey Right to Know Act

**California Prop. 65 Components:** Not applicable

## EU regulations

| Component                | Risk Phrases | Safety Phrases |
|--------------------------|--------------|----------------|
| Lasmiditan hemisuccinate | --           | --             |

## SECTION 16: OTHER INFORMATION

### PREPARATION INFORMATION:

#### DISCLAIMER:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. BioVision, Inc., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.