

SAFETY DATA SHEET

SDS DATE: January 7, 2021



SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **A-196**

PRODUCT CODES: Cat# B3252-5, -25

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

MANUFACTURER: BioVision, Inc.

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SECTION 2: HAZARDS IDENTIFICATION

| Product Name/Chemical Name | Description | Amount | Safety Information |
|----------------------------|-------------|----------------------------------|--------------------|
| A-196 | Solid | B3252-5: 5 mg B3252-25: 25 mg | No hazards |

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Components | CAS Number | EC-No. | Molecular Weight | Chemical Formula | Concentration |
|------------|--------------|--------|------------------|----------------------------------------------------------------|---------------|
| A-196 | 1982372-88-2 | -- | 359.25 | C ₁₈ H ₁₆ Cl ₂ N ₄ | 100% |

SECTION 4: FIRST AID MEASURES

If inhaled: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.

In case of skin contact: Immediately wash skin with soap and plenty of water for at least 15 minutes. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

In case of eye contact: Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Have eyes examined and tested by medical personnel.

If swallowed: Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention. DO NOT induce vomiting unless directed to do so by medical personnel.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use alcohol-resistant foam, carbon dioxide, water, or dry chemical spray. Use water spray to cool fire-exposed containers.

Unsuitable Extinguishing Media: A solid water stream may be inefficient

Special protective equipment for fire fighters: As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid raising and breathing dust, and provide adequate ventilation. As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respirator, and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves).

Environmental precautions: Take steps to avoid release into the environment, if safe to do so.

Methods for cleaning up: Contain spill and collect, as appropriate. Transfer to a chemical waste container for disposal in accordance with local regulations.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

Conditions for safe storage: -20°C. Protect from light.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection

NIOSH approved respirator, as conditions warrant.

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Hand protection

Handle with protective gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye protection

Safety glasses

Skin and body protection

Lab coat

Hygiene measures

General industrial hygiene practice.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| Property | A-196 |
|----------------------------|-------------------------------------------------------------------------------------------------------------|
| Appearance: | Crystalline solid |
| pH: | No data available |
| Water Solubility: | No data available |
| Other Solubility: | >7 mg/ml DMSO, ~0.3 mg/ml in a 1:2 solution of DMSO:PBS (pH 7.2); ~2 mg/ml in EtOH; ~10 mg/ml in DMSO & DMF |
| 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 |

SECTION 10: STABILITY AND REACTIVITY

| Property | A-196 |
|-----------------------------------|---------------------------------------------|
| Reactivity | No data available |
| Chemical stability | Stable under recommended storage conditions |
| Conditions to avoid: | No data available |
| Incompatible materials: | No data available |
| Hazardous decomposition products: | No data available |

SECTION 11: TOXICOLOGICAL INFORMATION

A-196:

Acute toxicity: Classified based on available data. For more details, see section 2.

Skin corrosion/irritation: Classified based on available data. For more details, see section 2.

Serious eye damage/eye irritation: Classified based on available data. For more details, see section 2.

Respiratory or skin sensitization: Classified based on available data. For more details, see section 2.

Germ cell mutagenicity: Classified based on available data. For more details, see section 2.

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: Classified based on available data. For more details, see section 2.

Teratogenicity: No data available

Specific target organ toxicity – single exposure (GHS): Classified based on available data. For more details, see section 2.

Specific target organ toxicity – repeated exposure (GHS): Classified based on available data. For more details, see section 2.

Aspiration hazard: Classified based on available data. For more details, see section 2.

Potential health hazard:

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

Ingestion: There may be irritation of the throat.

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

Eyes: There may be irritation and redness.

Delayed / Immediate Effects: No known symptoms.

SECTION 12: ECOLOGICAL INFORMATION

A-196:

Persistence and degradability: No data available

Toxicity: Avoid release into the environment. Runoff from fire control or dilution water may cause pollution

Bioaccumulative potential: No data available

Mobility in soil: No data available

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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

Waste Disposal Method: Dispose in accordance with local, state, and federal regulations

SECTION 14: TRANSPORT INFORMATION

A-196:

DOT (US): Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

SECTION 15: REGULATORY INFORMATION

A-196:

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

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

SARA 311/312 Hazards: No SARA Hazards

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: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Regulatory Information Statement: This SDS was prepared in accordance with 29 CFR 1910.1200 and Regulation (EC) No.1272/2008.

SECTION 16: OTHER 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.