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**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY**

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**1.1 Product identifiers**

Product Name : **AS-1842856**  
Product Number : AUR10  
Manufacturer : Aurora Medbiochem  
Address : 938 South Andreasen Drive, Suite E  
Escondido, CA 92029 USA

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Identified uses : Laboratory chemicals, Manufacture of substances

**1.3 Emergency telephone**

Emergency Phone # : +1-760-738-1508  
Fax Phone # : +1-760-738-1530

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**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

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Components	CAS Number	EC-No.	Molecular Weight	Chemical Formula
AS-1842856	836620-48-5	--	347.39	C <sub>18</sub> H <sub>22</sub> FN <sub>3</sub> O <sub>3</sub>

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**SECTION 3: HAZARDS IDENTIFICATION**

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Product/ Chemical Name	Description	Safety Information
AS-1842856	Solid	See below

**Emergency Overview:**

**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

Acute Toxicity, oral - Category 4

Chronic, Aquatic Toxicity - Category 1

**GHS Label elements, including precautionary statements**

**Pictogram:**



**Signal word:**

Warning

**GHS Hazard statement(s):**

H302 Harmful if swallowed

H410 Very toxic to aquatic life with long lasting effects.

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**GHS Precautionary statement(s):** P264 Wash hands thoroughly after handling  
P273 Avoid release to the environment  
P301+312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

**HMIS Classification**

**Health hazard:**

**Chronic Health Hazard:**

**Flammability:** 0

**Physical hazards:** 0

**NFPA Rating**

**Health Hazard:**

**Fire:** 0

**Reactivity Hazard:** 0

**Potential Health Effects**

**Inhalation:** May be fatal if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

**Skin:** May be harmful if absorbed through skin. May cause skin irritation.

**Eyes:** May cause eye irritation.

**Ingestion:** May be harmful if swallowed

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**SECTION 4: FIRST AID MEASURES**

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**4.1 Description of first-aid measures**

**General advice**

Show this material safety data sheet to the doctor in attendance.

**If inhaled:** If breathed in, move person into fresh air. If not breathing, give artificial respiration.

**In case of skin contact:** Wash off with soap and plenty of water.

**In case of eye contact:** Flush eyes with water as a precaution.

**If swallowed:** Never give anything by mouth to an unconscious person. Rinse mouth with water.

**4.2 Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 11)

**4.3 Indication of any immediate medical attention and special treatment needed** No data available.

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**SECTION 5: FIREFIGHTING MEASURE**

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**5.1 Extinguishing media**

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**Suitable extinguishing media**

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

**Unsuitable extinguishing media**

For this substance/mixture no limitations of extinguishing agents are given.

**5.2 Special hazards arising from the substance or mixture**

Carbon oxides Sulfur  
oxides

Combustible.

Vapors are heavier than air and may spread along floors.

Forms explosive mixtures with air on intense heating.

Development of hazardous combustion gases or vapors possible in the event of fire.

**5.3 Advice for firefighters**

Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

**5.4 Further information**

Remove container from danger zone and cool with water. Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**Personal precautions:** Advice for non-emergency personnel: Do not breathe vapors, aerosols. Avoid substance contact. Ensure adequate ventilation. Keep away from heat and sources of ignition.

Evacuate the danger area, observe emergency procedures, consult an expert.

**Environmental precautions:** Do not let product enter drains.

**Methods for cleaning up:** Sweep up and shovel. Keep in suitable, closed containers for disposal

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**SECTION 7: HANDLING AND STORAGE**

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**7.1 Precautions for safe handling**

**Advice on safe handling**

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

**Advice on protection against fire and explosion**

Keep away from open flames, hot surfaces, and sources of ignition. precautionary measures against static discharge.

**7.2 Conditions for safe storage, including any incompatibilities**

**Storage conditions**

Keep container tightly closed in a dry and well-ventilated place.

**Recommended storage temperature :** -20 °C. Protect from light.

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**SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION**

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Contains no substances with occupational exposure limit values.

**Personal protective equipment**

**Respiratory protection:**

Respiratory protection is not required. Where protection is desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Hand protection:**

Handle with 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:**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

**Skin and body protection:**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Hygiene measures:** General industrial hygiene practice.

**Control of environmental exposure**

Do not let product enter drains.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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Property	AS-1842856
<b>Appearance:</b>	Off white Solid
<b>pH:</b>	No data available
<b>Water Solubility:</b>	No data available
<b>Other Solubility:</b>	~2 mg/ml DMSO
<b>Boiling Point (°C):</b>	No data available
<b>Melting Point (°C):</b>	No data available
<b>Flash Point (°C):</b>	No data available
<b>Ignition Temperature (°C):</b>	No data available
<b>Density:</b>	No data available

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**SECTION 10: STABILITY AND REACTIVITY**

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<b>Property</b>	<b>AS-1842856</b>
<b>Chemical stability</b>	Stable under recommended storage conditions
<b>Conditions to avoid:</b>	No data available
<b>Materials to avoid:</b>	strong oxidizing agents
<b>Hazardous decomposition products:</b>	In combustion, may emit toxic fumes.

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## **SECTION 11: TOXICOLOGICAL INFORMATION**

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### **AS-1842856**

**Acute toxicity:** No data available

**Dermal:** 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:** No data available

**Chromosome aberration test in vitro Result:** positive. The value / statement given is based on a (Q)SAR approach

**Micronucleus test Result:** positive The value / statement given is based on a (Q)SAR approach

**comet assay Result:** positive The value / statement given is based on a (Q)SAR approach

**Carcinogenicity:** Potential cancer hazard.

**IARC:** 3 - Group 3: Not classifiable as to its carcinogenicity to humans (AS-1842856)

**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:** May be fatal if swallowed and enters airways.

#### **Potential health effects**

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

**Ingestion:** May be fatal if swallowed.

**Skin:** May be harmful if absorbed through skin. May cause skin irritation. May be fatal if absorbed through skin.

**Eyes:** May cause eye irritation.

**Additional Information:** RTECS: No data available.

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## **SECTION 12: ECOLOGICAL INFORMATION**

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**AS-1842856:**

**Toxicity:** no data available  
**Persistence and degradability:** no data available  
**Bioaccumulative potential:** no data available  
**Mobility in soil:** no data available  
**PBT and vPvB assessment:** no data available  
**Other adverse effects:** no data available

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**SECTION 13: DISPOSAL CONSIDERATION**

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**Product:** Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

**Contaminated packaging:** Dispose of as unused product.

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**SECTION 14: TRANSPORT INFORMATION**

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**DOT (US):** Not dangerous goods.  
**IMDG:** Not dangerous goods.  
**IATA:** Not dangerous goods.

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**SECTION 15: REGULATORY INFORMATION**

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**AS-1842856:**

This safety datasheet complies with the requirements of Regulation (EC) No. 453/2010.

**SARA 302 Components: SARA 302:** No chemicals 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 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 Known 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.

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**SECTION 16: OTHER INFORMATION**

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**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 regarding appropriate safety precautions. It does not represent any guarantee of the properties of the product. Aurora Medbiochem Co. 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.