



**MuseChem**

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277 Fairfield Road Fairfield, New Jersey 07004, USA • [www.musechem.com](http://www.musechem.com)

## Safety Data Sheet

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### 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 Product identifiers

Product Name: Isostearic Acid

CAS No.: 30399-84-9

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

Identified uses: Laboratory chemicals, Synthesis of substances.

#### 1.3 Details of the supplier of the safety data sheet

Brand: MuseChem

Company: ArrakisTek Inc.

#### 1.4 Emergency telephone number

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Fax: +1-323-978-5598

E-mail address: [info@musechem.com](mailto:info@musechem.com)

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### 2. HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

Not classified as a hazardous substance or mixture

#### GHS Label Elements

Pictograms: N/A

Signal word: None

Hazard and precautionary statements: N/A

Other hazards: No additional information available

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

**Common Name** Isostearic Acid

**Synonym(s)** Isooctadecanoic Acid

**Formula** C<sub>18</sub>H<sub>36</sub>O<sub>2</sub>

**CAS Number** 30399-84-9

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### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

##### General

If you feel unwell, seek medical advice.

##### If inhaled

Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.



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**In case of skin contact**

Wash immediately with lots of water. Soap may be used. Take victim to a doctor if irritation persists.

**In case of eye contact**

Rinse immediately with plenty of water. Take victim to an ophthalmologist if irritation persists.

**If swallowed**

Rinse mouth with water. Call Poison Information Centre

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**5. FIRE-FIGHTING MEASURES**

**5.1 Extinguishing media**

**Suitable extinguishing media:** AFFF foam. BC powder. Carbon dioxide. Dry sand. Dry chemical powder. Adapt extinguishing media to the environment.

**Unsuitable extinguishing media:** Solid water jet ineffective as extinguishing medium.

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

None known.

**5.3 Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

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**6. ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures**

Mark the danger area. Exposure to heat: have neighborhood close doors and windows. Exposure to fire/heat: consider evacuation. Wash contaminated clothes

**6.2 Environmental precautions**

Prevent soil and water pollution.

**6.3 Methods and materials for containment and cleaning up**

**For containment:** Knock down/dilute dust cloud with water spray.

**Methods for cleaning up:** Carefully collect the spill/leftovers. If melted: allow liquid to solidify before taking it up. Scoop solid spill into closing containers or into synthetic bags. Clean contaminated surfaces with an excess of water and soap solution.

Other information: No supplementary information available

**6.4 Reference to other sections**

See Heading 8. Exposure controls and personal protection.

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**7. HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

Handling temperature:  $\geq 10^{\circ}\text{C}$  above melting point

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

**Prohibitions on mixed storage:** Keep Substance Away From: Ignition sources. (Strong) acids. (Strong) bases.

**Storage area:** Keep container in a well-ventilated place. Store at ambient temperature. Keep out of direct sunlight. Meet the legal requirements.

**Special rules on packaging:** Special Requirements: Closing. Correctly labelled. Meet the legal requirements.



**Packaging materials:** Suitable Material: Steel with plastic inner lining. Stainless steel. Aluminum.

### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control Parameters:** No additional information available

### Exposure Controls

**Personal Protective Equipment:** Gloves. Protective clothing. Safety glasses.

**Materials for Protective Clothing:** Give Good Resistance: Nitrile rubber

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

a) Appearance	Form: Liquid
	Color: Colorless to light yellow
b) Odour	Characteristic odor. Mild odor
c) pH	No data available
d) Melting point	No data available
e) Boiling point	> 250°C
f) Flash point	No data available
g) Evaporation rate	No data available
h) Flammability (solid, gas)	No data available
i) Upper/lower flammability or explosive limits	No data available No data available
j) Vapour pressure	No data available
k) Vapour density	No data available
l) Relative density	No data available
m) Water solubility	< 0.005 g/100ml (25°C)
n) Viscosity	52 mPa*s @ 25°C

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## 10. STABILITY AND REACTIVITY

**Reactivity:** On burning: release of (carbon monoxide - carbon dioxide).

**Chemical stability:** Stable under normal conditions.

**Possibility of hazardous reactions:** No additional information available

**Conditions to avoid:** No supplementary information available.

**Incompatible materials:** No supplementary information available.

**Hazardous decomposition products:** No supplementary information available.

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## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** Not classified

**LD50 oral rat:** > 2000 mg/kg Non-toxic

**Skin corrosion/irritation:** Not classified (pH: < 7)

**Serious eye damage/irritation:** Not classified (pH: < 7)



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**Respiratory or skin sensitization:** Not classified

**Germ cell mutagenicity:** Not classified

**Carcinogenicity:** Not classified

**Reproductive toxicity:** Not classified

**Specific target organ toxicity (single exposure):** Not classified

**Specific target organ toxicity (repeated exposure):** Not classified

**Aspiration hazard:** Not classified

**Viscosity, kinematic:** 58.08109014 mm<sup>2</sup>/s

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## 12. ECOLOGICAL INFORMATION

### Toxicity

**Ecology - General:** According to literature: no environmental hazard.

**Ecology - Air:** No supplementary information available.

**Ecology - Water:** No bioaccumulation data available

### Persistence and degradability

**ThOD:** 2.9 g O<sub>2</sub>/g substance

### Bioaccumulative potential

**Log Pow:** > 5 (est.)

### Mobility in soil

**Surface tension:** ca. 0.03 N/m (20°C)

**Results of PBT and vPvB assessment:** No additional information available

**Other adverse effects:** No additional information available

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## 13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods:

Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

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## 14. TRANSPORT INFORMATION

### DOT (US)

Not dangerous goods

### IMDG

Not dangerous goods

### IATA

Not dangerous goods

### Further information

Not classified as dangerous in the meaning of transport regulations.

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## 15. REGULATORY INFORMATION

### SARA 302 Components



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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.

**Massachusetts Right To Know Components**

No components are subject to the Massachusetts Right to Know Act.

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**16. OTHER INFORMATION**

**Further information**

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