

MATERIAL SAFETY DATA SHEET (MSDS)

Section 1: Product Identification & Supplier

Product Name: Sodium Alpha Olefin Sulfonate Powder (AOS Powder)

Country of Origin: China

INCI Name: Sodium C14-16 Olefin Sulfonate

CAS Number: 68439-57-6

Product use: Surfactant, cleansing agent, foaming agent for cosmetic and personal care formulations.

Supplier: BOTANIC PLANET CANADA INC.

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2. Hazard Identification

GHS Classification:

- Eye Irritation: Category 2A
- Skin Irritation: Category 2

Signal Word: Warning

Hazard Statements:

- Causes skin irritation.
- Causes serious eye irritation.

Precautionary Statements:

- Avoid breathing dust.
- Wash hands thoroughly after handling.
- Wear protective gloves and eye protection.

3. Composition

Component	CAS No.	Concentration
Sodium C14-16 Olefin Sulfonate	68439-57-6	≥90%

4. First Aid Measures

Eye Contact: Flush immediately with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

Skin Contact: Wash with soap and water.

Inhalation: Move to fresh air.

Ingestion: Rinse mouth with water. Seek medical advice if large quantities are swallowed.

5. Fire Fighting Measures

Suitable extinguishing media:

- Water spray
- Foam
- Dry chemical
- Carbon dioxide (CO₂)

Hazardous combustion products:

- Carbon oxides
 - Sulfur oxides
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6. Accidental Release Measures

- Avoid generating dust.
 - Wear suitable PPE.
 - Sweep or vacuum into suitable containers.
 - Prevent entry into drains.
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7. Handling and Storage

Store:

- In a cool, dry place.
 - In tightly closed containers.
 - Away from moisture and strong oxidizing agents.
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8. Exposure Controls / Personal Protection

Recommended PPE:

- Safety glasses
 - Protective gloves
 - Dust mask if airborne dust is present
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9. Physical and Chemical Properties

Appearance: White to off-white powder

Odour: Mild

pH (1% solution): Approximately 7.0–10.5

Solubility: Soluble in water

10. Stability and Reactivity

Stable under normal conditions.

Avoid:

- Strong oxidizing agents
 - Excessive moisture
 - Excessive heat
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11. Toxicological Information

May cause:

- Skin irritation
 - Serious eye irritation
 - Respiratory irritation if dust is inhaled
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12. Ecological Information

Avoid uncontrolled release into waterways.

Biodegradability depends on the specific formulation and local environmental conditions.

13. Disposal Considerations

Dispose of contents and containers in accordance with local regulations.

14. Transport Information

Not classified as dangerous goods under normal transport regulations.

15. Regulatory Information

Refer to applicable local, national, and international regulations.

16. Other Information

NONE



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