

# Prosthetic Anti-Perspirant

## MATERIAL SAFETY DATA SHEET

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### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

**Identification of the substance/preparation** Prosthetic Anti-Perspirant  
**Product name** ALPS Prosthetic Anti-Perspirant  
**Product code** ATP-008  
**Use of the Substance/Preparation** Prosthetic Devices  
**Supplier** ALPS South Corporation  
2895 42<sup>nd</sup> Avenue North  
St. Petersburg, Florida 33714  
USA

**Emergency telephone number** 1 (727) 528-8566 (USA)  
**Emergency telephone number** 001(727) 528-8566 (International)

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical nature of the preparation** Aluminum Chlorohydrate (12% Solution)

**Trade Name & Synonyms** ATP-008 ALPS Prosthetic Anti-Perspirant

Components	EC-No.	CAS-No.	Weight %	TLV (Units)
Aluminum Chloride Hydroxide	n/a	n/a	12%	n/a

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### 3. HAZARDS IDENTIFICATION

#### Most important hazards

#### Effects of Acute Overexposure / Potential Health Effects

##### Eyes:

Direct contact irritates slightly to moderately with redness and swelling.

##### Skin:

A single relatively short exposure has no known effects. Repeated prolonged exposures may irritate.

##### Inhalation:

Inhaling mist or dust created during use may injure the respiratory system and cause an adverse lung reaction in persons.

##### Swallowing:

Small amounts transferred to the mouth by fingers during use, etc., should not injure. However swallowing large amounts may cause injury.

#### NOTE TO PHYSICIAN:

There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

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## 4. FIRST AID MEASURES

### General information

**Primary route(s) of entry:** Inhalation, skin absorption, skin contact, eye contact.

### Inhalation

If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention; keep person warm and calm. If person is not breathing, begin artificial respiration. If breathing is difficult, administer oxygen.

### Skin contact

Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before re-use.

### Eye contact

If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

### Ingestion

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on their left side with the head down. If individual is conscious and alert, induce vomiting by giving syrup of IPECA or by gently placing two fingers at the back of the throat. If possible, do not leave individual unattended.

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## 5. FIRE-FIGHTING MEASURES

### Suitable extinguishing media

Carbon dioxide, dry chemical, foam or water mist for small fires.

Use alcohol type or all purpose type foam by manufacturers recommended for large fires.

### Extinguishing media which must not be used for safety reasons

Do not spray a solid stream of water or foam directly into a pool of hot, burning liquid as this may cause frothing, and may intensify the fire. Use self-contained breathing apparatus when fighting fire in an enclosed area.

**Hazardous decomposition products** N/A

### Special protective equipment for firefighters

Wear self contained breathing apparatus and protective suit.

**Further Information** N/A



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## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions** N/A

**Environmental precautions** N/A

### Methods for cleaning up

#### Small Spill

Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slippery hazard.

#### Large Spill

Eliminate all ignition sources (flares, flame, including pilot lights, electrical sparks). Individuals not wearing Protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source. Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs, notify authorities as required. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

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## 7. HANDLING AND STORAGE

### Handling / Storage

Containers of this material may be hazardous when emptied, since emptied containers retain product residues (vapor, liquid and / or solid)

WARNING: Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperature and pressure or sudden ingress of air into vacuum equipment, may result in ignitions without the presence of obvious ignition sources. Published 'auto ignition' or 'ignition' temperature values cannot be treated as safe operating temperatures in chemical processes without analysis of the actual process conditions. Any use of this product in elevated temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions.

**Technical measures/Precautions** N/A

**Safe handling advice** N/A

**Technical measures/Storage conditions** N/A

### Incompatible products

Oxidizing material can cause a reaction. Caustic will precipitate aluminum hydroxide.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Effects of Single Over exposure

#### Swallowing:

If swallowed seek medical attention. If person is drowsy or unconscious, do not give any solid or liquid by mouth. Place person on the left side with the head down. If person is conscious and alert, induce vomiting by giving syrup of IPECAC or by gently placing two fingers at the back of the throat. If possible do not leave person unattended.

**Engineering measures to reduce exposure** Ventilation (mechanical general) recommended.

**Personal protection equipment** N/A

#### Respiratory protection

No respiratory protection should be needed unless a mist is formed.

**Hand protection** N/A

#### Eye protection

Chemical splash goggles in compliance with OSHA regulations are advised. However OSHA regulations also permit other types of safety glasses. Consult your safety representative.

**Skin and body protection** N/A

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General Information

**Form** Liquid                      **Colour** Clear & water white                      **Odour** No odour

### Important Health Safety and Environmental Information

<b>pH</b>	N/A
<b>Boiling point/range</b>	212°F (100°C)
<b>Flash point</b>	N/A
<b>Explosion limits</b>	(MM.Hg) - 24
<b>Vapour pressure</b>	N/A
<b>Vapor density (Air=1)</b>	1
<b>Relative density</b>	N/A
<b>Solubility (100%)</b>	100%

### Other information

**Melting point/range** N/A

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**Percent, volatile by volume (%)** 88  
**Specific Gravity (H<sub>2</sub>O=1)** 1.17  
**Evaporation Rate** As water

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## 10. STABILITY AND REACTIVITY

### Stability

Stable

### Conditions to avoid

Keep away from heat, sparks and flame. Avoid any source of ignition.

### Materials to avoid (Incompatibility)

N/A

### Hazardous decomposition products:

Chlorine compounds, metal oxides

### Hazardous Polymerization:

Will not occur

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## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity** No data available

**Local effects** No data available

**Long term toxicity** No data available

**Specific effects** No data available

**Further information** No data available

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## 12. ECOLOGICAL INFORMATION

**Mobility** No data available

**Persistence / degradability** No data available

**Bioaccumulation** No data available

**Ecotoxicity** No data available

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### 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products**

Dispose of in accordance with local, State and Federal Regulations.

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### 14. TRANSPORT INFORMATION

Transportation in accordance with local, State and Federal Regulations.

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### 15. REGULATORY INFORMATION

Superfund Amendments and reauthorization Act of 1986 (SARA). Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This information must be included in all MSDS that are copied and distributed for this material.

Components present in this product at a level which could require reporting under the statute are:

\*\*\*\*NONE\*\*\*\*\*

**TSCA Inventory Status**

The ingredients of this product are on the TSCA inventory

Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45/EC

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### 16. OTHER INFORMATION

**Recommended use**

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The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of ALPS South Corporation, and are only provided as guidance and not a warranty, or quality specification, it is the user's obligation to determine the conditions of safe use of the product.

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