



MATERIAL SAFETY DATA SHEET

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 42nd Avenue North
St. Petersburg, Florida 33714
USA

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

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

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.

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.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

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

Important Health Safety and Environmental Information

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

Other information

Melting point/range N/A



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Product name ALPS Prosthetic Anti-Perspirant

Percent, volatile by volume (%) 88
Specific Gravity (H₂O=1) 1.17
Evaporation Rate As water

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

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

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.

14. TRANSPORT INFORMATION

Transportation in accordance with local, State and Federal Regulations.

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

16. OTHER INFORMATION

Recommended use

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.
