



SAFETY DATA SHEET

AlStat Hemostatic Gel

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

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| Product Name: | AlStat Hemostatic Gel |
| Product Codes: | DL2590 10 x 1.2 mL Syringes, DL2595 30 mL Bulk Syringe |
| Recommended Use: | AlStat is a hemostatic gel which effectively eliminates minor gingival bleeding. AlStat hemostatic gel is recommended for anterior restorations and for use during crown and veneer preparations where bleeding needs to be arrested. |
| Contact Information: | Dentalife Australia Pty. Ltd. Factory 9/505 Maroondah Highway Ringwood, VIC, 3134, Australia Phone: +61 3 9879 1226 |
| Emergency Telephone Number: | +61 3 9879 1226 |
| Poisons Information Centre: | 24 hour, 7 days a week in an emergency call: 13 11 26 |

2. HAZARD IDENTIFICATION

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| Signal Word: | Danger |
| Hazard Pictograms: |   GHS05 GHS07 |
| Hazard Classifications: | Skin Corrosion Category 1A, Acute Toxicity Category 4 |
| Hazard Statement: | H314 Causes severe skin burns and eye damage. H332 Harmful if inhaled |
| Precautionary Statements: | P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103 Read label before use. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ |

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shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P321 Specific treatment (see on this label).

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Poison Schedule:

Not Applicable

3. COMPOSITION INFORMATION

CHEMICAL ENTITY

Aluminium Chloride Hexahydrate

Ingredients determined to be non-hazardous

CAS NO.

7884-13-6

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PROPORTION %

< 50%

To 100 %

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation:

This product is a viscous gel; therefore chance of inhalation is not possible.

Skin Contact:

If skin or hair contact occurs, immediately flush body and clothes with large amounts of water, using safety shower if available. Quickly remove all contaminated clothing, including footwear. Wash skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre. Transport to hospital, or doctor.

Eye Contact:

If this product comes in contact with the eyes: Immediately hold eyelids apart and flush the eye continuously with running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Transport to hospital or doctor without delay. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Ingestion:

If swallowed in large quantities seek medical attention. Drink plenty of water and provide fresh air. Call for a doctor immediately.

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5. FIRE FIGHTING MEASURES

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| Extinguishing media: | There is no restriction on the type of extinguisher which may be used. Use extinguishing media suitable for surrounding area |
| Fire incompatibility: | None known. |
| Special hazards arising from the substance or mixture | During heating or in case of fire poisonous gases are produced. |

6. ACCIDENTAL RELEASE MEASURES

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| Minor Spills: | <p>Environmental hazard – contain spillage. Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes. Control personal contact with the substance, by using protective equipment. Contain and absorb spill with sand, earth, inert material, or vermiculite. Wipe up. Place in a suitable, labelled container for waste disposal. Drains for storage or use areas should have retention basins for pH adjustments and dilution of spills before discharge or disposal of material. Check regularly for spills and leaks.</p> |
| Large Spills: | <p>Environmental hazard – contain spillage.</p> <ul style="list-style-type: none">• Clear area of personnel and move upwind.• Alert Fire Brigade and tell them location and nature of hazard. Wear breathing apparatus plus protective gloves• Prevent, by any means available, spillage from entering drains or water course. Stop leak if safe to do so.• Contain spill with sand, earth, or vermiculite.• Collect recoverable product into labelled containers for recycling. Neutralise/decontaminate residue (see Section 13 for specific agent). Collect solid residues and seal in labelled drums for disposal.• Wash area and prevent runoff into drains.• After clean-up operations, decontaminate and launder all protective clothing and equipment before storing and re-using. If contamination of drains or waterways occurs, advise emergency services |

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7. HANDLING AND STORAGE

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| Handling: | <p>Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. Prevent concentration in hollows and sumps. DO NOT enter confined spaces until atmosphere has been checked. DO NOT allow material to contact humans, exposed food or food utensils. Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers securely sealed when not in use. Avoid physical damage to containers. Always wash hands with soap and water after handling. Work clothes should be laundered separately. Launder contaminated clothing before re-use. Use good occupational work practice. Observe manufacturer's storage and handling recommendations contained within this SDS. Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions are maintained.</p> |
| Other information: | <p>Store in original containers. Keep containers securely sealed. Store in a cool, dry, well-ventilated area. Store away from incompatible materials and foodstuff containers. Protect containers against physical damage and check regularly for leaks. Observe manufacturer's storage and handling recommendations contained within this SDS.</p> |
| Storage incompatibility: | <ul style="list-style-type: none">• No Special Requirements |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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| Biological Limit Values: | <p>As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.</p> |
| Engineering Controls: | <p>The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.</p> |

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Personal Protection Equipment:



The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- Material of gloves

The selection of suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- Penetration time of glove material

The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be Observed



Tightly sealed goggles

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work..

Avoid contact with the eyes and skin.

Other Protection:

Overalls, P.V.C, apron, barrier cream, skin cleansing cream, eye wash unit, ensure there is ready access to a safety shower.

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9. PHYSICAL AND CHEMICAL PROPERTIES

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| Form: | Gel |
| Colour: | Whitish |
| Odour: | Odorless |
| Solubility: | Miscible with water |
| Specific gravity: | Approximately 1.3 g/mL |
| Relative Vapor Density (water=1) | <1 |
| Vapour Pressure (20 °C): | Not determined |
| Flash Point (°C): | Not available |
| Flammability Limits (%): | Not available |
| Autoignition Temperature (°C): | Not available |
| Melting Point/Range (°C): | Not available |
| Boiling Point/Range (°C): | Not available |
| pH: | Not available |
| Viscosity: | Not available |
| Total VOC (g/Litre): | Not available |

10. STABILITY AND REACTIVITY

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| Chemical Stability: | No relevant information available. |
| Conditions to Avoid: | No relevant information available. |
| Incompatible Materials: | No relevant information available. |
| Hazardous Decomposition Products: | No dangerous decomposition products known. |

11. TOXICOLOGICAL INFORMATION

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| Inhalation: | Harmful if inhaled. |
| Acute Toxicity: | 7784-13-6 Aluminum Chloride Hexahydrate Oral - LD50 1,990 mg/kg (mouse) , 3,300 mg/kg (rat) |
| Primary irritant effect | Skin corrosion/irritation -Causes severe skin burns and eye damage Serious eye damage/irritation - Causes severe skin burns and eye damage. · STOT-single exposure Based on available data, the classification criteria are not met. · STOT-repeated exposure Based on available data, the classification criteria are not me |

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Carcinogenicity: Based on available data, the classification criteria are not met.
Reproductivity: Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available
Persistence and Degradability: No information available
Bioaccumulation Potential: No information available

General Note:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

Rinse off bigger amounts into drains or the aquatic environment may lead to decreased pH-values. A low pH value harms aquatic organism. In the dilution of the use-level the pH-value is considerably increased, so that after the use of the product the aqueous waste, emptied into drains, is only low water dangerous.

13. DISPOSAL CONSIDERATIONS

Disposal Method: Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility.
Disposal of Contaminated Packaging: Recycle /reconditioned at an approved facility.
Environmental Regulations: Not relevant

14. TRANSPORT INFORMATION



UN Proper Shipping Name: 2581 Aluminium Chloride Solution Mixture

Transport ADG/IMDG/IATA

U.N. Number: 2581
CAS Number: See ingredients
Product Name: AlStat Hemostatic Gel

Dangerous Goods Class: 8
Pack. Group: III

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Environmental Hazard: Not Applicable

15. REGULATORY INFORMATION

Regulatory Information:

Aluminium chloride is found on the following regulatory lists

- Australian Inventory of Industrial Chemicals (AIIC)

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants) The
Rotterdam Convention (Prior
Informed Consent)
International Convention for the Prevention of Pollution from Ships
(MARPOL)

16. OTHER INFORMATION

Product is considered safe if used as intended.
Product is intended for professional dental/medical use only.

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

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