

SAFETY DATA SHEETS

This SDS packet was issued with item:

077044365

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

077044399 077049190 077049216

Dux Dental Material Safety Data Sheet

Dux Dental
600 E. Hueneme Road
Oxnard, CA, USA

Phone: 800.833.8267
Fax: 805.488.2266
www.duxdental.com

Product Aluminum Chloride Hemostatic Gingival Retraction Solutions
Other Name Hemogin L (25 % Aluminum Chloride), Styptin (20 %), Hemodettes (20 %)
REF 13052, 13055, 13057, 13058, 13150, 13156, 13157

MSDS Number MS110

Hazardous Ingredients

Principal Hazardous Components

None

pel / tlv

NA

CAS Number

NA

Percentage

NA

Physical and Chemical Characteristics

Appearance Clear, slightly viscous liquids, green or clear, with a bitterseet taste.
Boiling Point > 212°F
Melting Point NA
Vapor Pressure No Data Found
Evaporation Rate Slower than water.
Odor Spearmint, None
Vapor Density NA
Specific Gravity 1.25
Water Solubility Aqueous System

Fire & Explosion Data

Explosion Not considered to be an explosion hazard.
Fire Not considered to be a fire hazard.
Fire Ext. Type A B C
Flashpoint NA
Special Fire Procedures None
Unusual Hazards None Known

Reactivity Data

Stability Stable
Incompatibilities None Known
Hzd Decomp Products Fumes of hydrochloric acid.
Hazardous Polymerization Will not occur.

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Health Hazard Information

Ingestion	May cause irritation. Dilute with water if ingested. Consult physician.
Inhalation	NA
Skin/Eye Contact	May cause irritation. Rinse with water for 15 min, consult physician.
Toxicity Data	May cause reversible or irreversible changes to exposed tissue, not permanent injury or death; can cause considerable discomfort. Use in accordance with manufacturers instructions and sound professional
Acute Hazards	None
Chronic Hazards	None
Carcinogenicity	NA, no product ingredient listed by NTP, IARC, or OSHA.

Precautions for Safe Handling and Use

Cleanup	Collect while minimizing production of dust.
Disposal	Dispose of in accordance with local, state, and federal regulations.
Precautions	As part of good industrial, personal hygiene, and safety practice avoid all unnecessary exposure to the substance and ensure prompt removal from skin, eyes, and clothing.

Occupational Control Measures

Eye Protection	NA
Gloves	NA
Dust/Particulate Mask	NA
Other	NA

Additional Information

DOT Hazard Class	Not Regulated
DOT Small Qty Exception	NA
DOT Other Exception	NA
DOT Exception Permitted	NA
Allergenic Ingredients	This product does not contain Latex, Peanut Products, Gluten, or Red Dye #3.

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SAFETY DATA SHEET

Section 1. Product And Company Identification

Product Name: Aluminum Chloride Hemostatic Gingival Retraction Solution

Other names: Hemodettes, Hemogin-L, Styptin

Product Use: Dental product: Hemostatics

Manufacturer: Kerr Corporation
1717 W. Collins Ave.
Orange, CA 92867-5422
U.S.A.

Information Phone Number: 1-800-841-1428 (Customer Service)

Chemical Emergency Phone Number (Chemical Spills, Leaks, Fire, Exposure or Accident only):
CHEMTREC 1-800-424-9300 (in the US) 1-703-527-3887 (Outside the US)

SDS Date of Preparation/Revision: September 12, 2019

Section 2. Hazards Identification

GHS Classification:

Skin Irritation Category 2

Eye Irritation Category 2A

Label Elements:

Warning!



Hazard Phrases

Causes skin irritation.

Causes serious eye irritation.

Precautionary Phrases:

Wash hands thoroughly after handling.

Wear protective gloves, protective clothing, eye protection or face protection.

IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Store locked up.

Dispose of contents and container in accordance with local and national regulations.

Section 3. Composition/Information on Ingredients

Component	CAS No.	Amount
Aluminum chloride	7784-13-6	10-30%

Section 4. First Aid Measures

Inhalation: Remove victim to fresh air. Get immediate medical attention if symptoms occur.

Skin Contact: Flush thoroughly with water. Get medical attention if irritation or symptoms of exposure develop. Remove and launder contaminated clothing before re-use.

Eye Contact: Rinse thoroughly with water. Get medical attention if irritation occurs and persists.

Ingestion: Do NOT induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious or convulsing person. Keep the victim calm and warm. Get immediate medical attention.

Most important symptoms and effects, acute and delayed: Causes skin irritation and serious eye irritation.

Indication of immediate medical attention and special treatment, if needed: Immediate medical attention is not required.

Section 5. Fire Fighting Measures

Suitable (and Unsuitable) Extinguishing Media: Use any media appropriate for the surrounding fire. Cool fire exposed containers with water.

Specific Hazards Arising from the Chemical: Combustion may produce carbon dioxide, carbon monoxide, metal oxides, and hydrochloric acid fumes.

Special Protective Equipment and Precautions for Fire-fighters: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored. Cool fire-exposed containers with water. Contain water used in firefighting from entering sewers or natural waterways.

Section 6: Accidental Release Measures

Personal precautions, Protective equipment, and Emergency procedures: Evacuate spill area and keep unprotected personnel away. Avoid contact with eyes, skin and clothing. Wear appropriate protective clothing and equipment.

Environmental Precautions: Avoid releases to the environment. Report spill as required by local and federal regulations.

Methods and Materials for Containment and Cleaning up: Prompt cleanup and removal are necessary. Collect spilled products and place in an appropriate waste disposal container.

Section 7. Handling and Storage

Precautions for Safe Handling: Prevent contact with eyes, skin and clothing. Always wear impervious gloves, chemical safety goggles, protective clothing, and face mask/face protection when handling this material. Do not eat, drink or smoke in the work area. and wash contaminated clothing before reuse.

Empty containers retain product residues which can be hazardous. Follow all SDS precautions when handling empty containers.

Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, dry, well-ventilated area away from direct sunlight. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers.

Section 8. Exposure Controls / Personal Protection

Exposure Limits

Chemical	Exposure Limit
Aluminum chloride	None Established

Appropriate Engineering Controls: Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

Respiratory Protection: None under normal use conditions with adequate ventilation. For operations where the occupational exposure limits are exceeded, an approved respirator with particulate cartridges is recommended. Equipment selection depends on contaminant type and concentration. Select in accordance with applicable regulations and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

Hand protection: Impervious gloves are suggested to prevent skin contact. Contact your glove supplier for selection assistance.

Eye Protection: Chemical safety goggles are recommended if contact is possible.

Skin Protection: Wear protective clothing as needed to avoid skin contact and contamination of personal clothing.

Hygiene measures: Suitable eye and skin washing facilities should be available in the work area.

Section 9. Physical and Chemical Properties

Appearance:	Clear, slightly viscous liquid, green or clear	Odor:	Spearmint or odorless
Odor Threshold:	Not available	pH:	Not available
Melting/Freezing Point:	Not available	Boiling Point/Range:	>100°C (>212°F)
Flash Point:	Not flammable	Evaporation Rate:	<1
Flammability: (Solid,	Not applicable	Flammability	LEL: Not applicable

Gas)		Limits:	UEL: Not applicable
Vapor Pressure:	Not available	Vapor	Not available
Relative Density:	1.25	Density:	
Partition Coefficient:	Not available	Solubilities:	Soluble in water
(N-Octanol/Water)		Autoignition	Not available
Decomposition	Not available	Temperature:	
Temperature:		Viscosity:	Not available

Section 10. Stability and Reactivity

Reactivity: The product is not expected to be reactive.

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to avoid: No data available.

Incompatible Materials: Metals.

Hazardous decomposition products: None if stored normally.

Section 11. Toxicological Information

Potential Health Effects:

Inhalation: None known.

Skin Contact: Causes skin irritation.

Eye Contact: Causes serious eye irritation.

Ingestion: None known.

Chronic Hazards: None known.

Skin Sensitization: No adverse effects expected. This product is not expected to cause skin sensitization.

Respiratory Sensitization: No data available. This product is not expected to cause respiratory sensitization.

Germ Cell Mutagenicity: None of the components are mutagenic.

Carcinogen: None of the components are listed as a carcinogen or potential carcinogen by IARC, NTP, ACGIH, or OSHA.

Developmental / Reproductive Toxicity: None of the components have been shown to cause reproductive or developmental toxicity.

Specific Target Organ Toxicity (Single Exposure): No data available.

Specific Target Organ Toxicity (Repeated Exposure): No data available.

Aspiration Toxicity: No data available.

Acute Toxicity Values:

Aluminum chloride: LD50 Oral rat: 3311 mg/kg

Section 12. Ecological Information

Toxicity: No data available.

Persistence and degradability: Biodegradation is not applicable to inorganic substances.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

Other Adverse Effects: No data available.

Section 13. Disposal Considerations

Disposal: For unused product, dispose of in accordance with Federal and local regulations.

Container Disposal: Dispose of empty container in accordance with Federal and local regulations.

Section 14. Transport Information

	UN Number	UN Proper Shipping Name	Hazard Class(s)	Packing Group	Environmental Hazards
US DOT	None	Not Regulated	None	None	None
Canada TDG	None	Not Regulated	None	None	None
IMDG	None	Not Regulated	None	None	None
IATA/ICAO	None	Not Regulated	None	None	None

Section 15. Regulatory Information

U.S. Federal Regulations:

EPA SARA 311/312 Hazard Classification: Refer to Section 2 for OSHA Hazard Classification.

EPA SARA 313: This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

Protection Of Stratospheric Ozone: This product is not known to contain or to have been manufactured with ozone depleting substances as defined in 40 CFR Part 82, Appendix A to Subpart A.

CERCLA SECTION 103: This product is not subject to CERCLA reporting requirements; however, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

US EPA TSCA Inventory: All of the components of this product are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory or exempt.

Canadian Regulations:

Canadian Environmental Protection Act: All of the components in this product are listed on the

Domestic Substances List (DSL) or exempt.

National Pollutant Release Inventory (NPRI): This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements NPRI: None.

International Inventories

Australia: All of the components in this product are listed on the Australian Inventory of Chemical Substances (AICS) or exempt.

China: All of the components in this product are listed on the Inventory of Existing Chemical Substances in China (IECSC) or exempt.

European Union: All the components in this product are listed on the EINECS inventory or exempt.

Korea: All of the components in this product are listed on the Korean Existing Chemicals List (KECL) or exempt.

New Zealand: All of the components in this product are listed on the New Zealand Inventory of Chemicals (NZIoC) or exempt.

Section 16. Other Information

NFPA Rating: Fire: 0 Health: 1 Instability: 0

Effective Date: September 12, 2019

Supersedes Date: October 6, 2015

Revision Summary: All Sections – New SDS format

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