

## Safety Data Sheet

### Section 1: Identification of the material and the Supplier

<b>Product identifier</b>	<b>Retrax Solution</b>
Product use	Topical hemostatic solution
<b>Distributor information</b>	
Company identification	<b>Ivoclar Vivadent (NZ) Ltd</b>
Address	12 Omega Street, Rosedale, Auckland, New Zealand
Telephone Number	0508 486 252
Emergencies within New Zealand	<b>0800 764 766 (National Poison Control Centre)</b>

### Section 2: Hazards Identification

Product is classified as hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001

NZ Group Standard & EPA Approval Code                      Dental Products (Subsidiary)  
HSR002558



**Irritant**



**Corrosive**



**Ecotoxic**

Hazard Classification	Hazard Code	Hazard Statement
6.1E (Oral)	H303	May be harmful if swallowed
6.3A	H315	Causes skin irritation
6.4A	H319	Causes serious eye irritation
8.1A	H290	May be corrosive to metals
9.1B	H411	Toxic to aquatic life with long lasting effects
9.3C	H433	Harmful to terrestrial vertebrates

Prevention Code	Prevention Statement
P234	Keep only in original container.
P264	Wash hands thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Response Code	Response Statement
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P321	Specific treatment (see Section 4. First Aid Measures).
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before re-use.
P390	Absorb spillage to prevent material damage.
P391	Collect spillage.

Storage Code	Storage Statement
P406	Store in corrosive resistant container with a resistant inner liner.

Disposal Code	Disposal Statement
P501	Dispose of according to local regulations.

### Section 3: Composition/Information on Ingredients

Chemical Entity (Components)	CAS No	Proportion
Aluminium Sulphate, USP	10043-01-3	22.5% – 27.5%

### Section 4: First Aid Measures

Inhalation	N/A
Ingestion	Do not induce vomiting. Seek medical assistance.
Skin	Flush well with water for at least 15 minutes.
Eye	Flush well with water for at least 15 minutes.
First Aid Facilities	Seek Medical assistance for further treatment, observation and support if necessary.

### Section 5: Fire Fighting Measures

Extinguishing Media	Suitable extinguishing media for the surrounding fire should be used.
Specific Hazards	None.
Precautions in connection with fire	Use of self contained breathing apparatus is recommended. Wear protective clothing to prevent contact with skin and eyes.

### Section 6: Accidental Release Measures

Emergency Procedures	N/A
Clean Up Procedure	Clean area with soapy water.

### Section 7: Handling and Storage

Handling	Use original container.
Storage	Store in cool, well ventilated area.

### Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not determined.
Respiratory Protection	N/A
Eye Protection	Safety glasses/goggles.
Hand Protection	Protective gloves.
Engineering controls	Standard room ventilation.

### Section 9: Physical and Chemical Properties

Appearance	Clear, colourless or slightly amber semi-viscous liquid
Odour	Mint
pH	Not determined
Vapour Pressure	Not determined
Vapour Density	Not determined
Boiling Point	Not determined
Freezing / Melting Point	Not determined
Solubility in Water	Aluminium sulphate is highly soluble in water
Specific Gravity	Not determined
Flash Point	Not determined
Flammability	N/A

**Section 10: Stability and Reactivity**

Chemical Stability	Stable under ordinary conditions of use and storage.
Conditions to Avoid	High heat.
Incompatible Materials	None known.
Hazardous Decomposition Products	None known.
Hazardous Reactions	None known.

**Section 11: Toxicological Information**

Hazardous Ingredient	Aluminium Sulphate. LD50 (orally) MICE: 24000 mg/kg.
Routes of Exposure	Refer to Section 4 of material safety data sheet.

**Section 12: Ecological Information**

Ecotoxicity	No known effects.
Persistence and Degradability	No information found.

**Section 13: Disposal Considerations**

Disposal Method and Containers	Empty containers may be disposed of in waste containers.
Special Precautions	Disposal should be carried out in compliance with federal, state, and local regulations.

**Section 14: Transport Information**

This product is not a Dangerous Good for Road and Rail transport in New Zealand according to NZS 5433 Safe Transport of Dangerous Goods.

**Section 15: Regulatory Information**

NZ Group Standard & EPA Approval Code	Dental Products (Subsidiary) HSR002558
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HSNO Controls:

Trigger quantities for this substance:

	Trigger Quantity
Approved Handler	Not applicable
Location Certificate	Not applicable
Tracking Trigger Quantities	Not applicable
Signage Trigger Quantities	1,000 L (liquid) / kg (solid)
Emergency Response Plan Trigger Quantities	1,000 L (liquid) / kg (solid)

**Section 16: Other Information**

This document has been compiled by Ivoclar Vivadent Ltd on behalf of the manufacturer of the product and serves as the manufacturer's Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to Ivoclar Vivadent (NZ) Ltd by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While Ivoclar Vivadent (NZ) Ltd has taken all care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Ivoclar Vivadent (NZ) Ltd accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS. The information herein is given in good faith, but no warranty, express or implied is made.

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