

## MATERIAL SAFETY DATA SHEET

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

**Product Name:** Smart Retract Gel  
**Other Names:** n/a  
**Recommended Use:** Professional Dental Hemostatic Gel

**Company name:** Safe Endo Dental India Pvt. Ltd.  
**Address:** A/6/2, Kamdhenu Industrial Estate, Gorwa, Vadodara-390016, Gujarat, India  
**Telephone:** +91 9904079977, +91 9429112320  
**E-Mail:** [dirctor.safeendo@gmail.com](mailto:dirctor.safeendo@gmail.com)  
**Website:** [www.safeendo.org](http://www.safeendo.org)

### 2 - HAZARDS IDENTIFICATION

**Hazard Classification:** NON HAZARDOUS. NON-DANGEROUS GOODS

### 3 - COMPOSITION/INFORMATION ON INGREDIENTS

CAS	EC	Name	%
7446-70-0	231-208-1	Aluminum chloride	< 25 %
		Distilled water	Ad 100
		Gel forming agent	

### 4 - FIRST AID MEASURES

#### Description of first aid measures

**Following eyes** Flush eye with water for 15 minutes. Get medical attention.  
**Following skin or persists.** Wash with soap and water. Get medical attention if irritation develops  
**Following ingestion** No specific hazards are encountered under normal product use.  
**Following inhalation** No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

#### Most important symptoms and effects, both acute and delayed

**Eyes** Causes eye irritation.  
**Skin** Causes skin irritation.  
**Ingestion** None expected for this product.  
**Inhalation** None expected for this product.

**Indication of any immediate medical attention and special treatment needed**

Notes to physician

Not Applicable

**5 - FIRE-FIGHTING MEASURES**

**Extinguishing media** Please see Fire Fighting Equipment under Section 5.3.

**Special hazards arising from the substance or mixture**

**Hazardous combustion products :** None known.

**Explosion hazards** Not Determined

**Fire explosion** Not Determined

**Sensitive to static discharge** Not Determined

**Sensitivity to impact** Not Determined

**Advice for firefighters**

**Fire fighting procedures** General: Evacuate all personnel; use protective equipment for fire-fighting. Use self-contained breathing apparatus when the product is involved in fire.

**Fire fighting equipment** Water spray only.

**6 - ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

**General procedures** Refer to Section 8 for Personal Protective Equipment.

**Environmental precautions**

**Water spill** Do not allow to enter sewers or drains that may lead to waterways.

**Methods and material for containment and cleaning up**

**Small spill** Wipe up small amounts with chemical resistant or damp rag which is washed with large amounts of water after each use. After cleaning, flush away traces with water.

**Large spill** After removal, flush contaminated area thoroughly with water.

**Reference to other sections**

**Reference to other sections** Not Applicable

**7 - HANDLING AND STORAGE****Precautions for safe handling**

**Handling** Use suitable protective equipment.

**Storage** See product labeling.

**Conditions for safe storage, including any incompatibilities**

**Shelf life** See product labeling

**Specific end use(s)**

**Specific end use(s)** Professional Dental Hemostatic Solution

**8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters:** No information is available for the product.

**Exposure controls**

**Eye/face protection** Wear eye protection

**Skin protection** Wear suitable protective clothing and gloves.

**Respiratory protection** Good general ventilation should be sufficient to control airborne levels.

**9 - PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties:**

**Physical state** Gel

**Appearance** Gel

**Colour** slight blue

**Odour** Odorless or no characteristic odor

**Other informations:**

**Percent volatile** Not Determined

**10 - STABILITY AND REACTIVITY**

**Reactivity:** Stable

**Chemical stability:** Stable when stored and handled under recommended conditions.

**Possibility of hazardous reactions:** None

**Conditions to avoid:** Not Determined

**Incompatible materials:** Not Determined

**Dangerous decomposition products:** None known.

**11 - TOXICOLOGICAL INFORMATION****Information on toxicological effects**

**Acute:** **Device is biocompatible when used as directed by dental professionals per ISO 13**

**12 - ECOLOGICAL INFORMATION****Aquatic toxicity (acute)**

**96-hour LC<sub>50</sub>** Not Determined

**48-hour EC<sub>50</sub>** Not Determined

**96-hour EC<sub>50</sub>** Not Determined

**Persistence and degradability** Not Determined

**Bioaccumulative potential** Not Determined

**Mobility in soil** Not Determined

Results of PBT and vPvB assessment **Not Determined**

**Other adverse effects**

**Environmental data** Not defined

**13 - DISPOSAL CONSIDERATIONS****Waste treatment methods**

Disposal method	Dispose of in compliance with governmental regulation. (EC1975L0442-20/11/2003)
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**14 TRANSPORT INFORMATION**

DOT shipping name	Not-regulated
DOT hazard class	Not-regulated
UN number	N/A
Sea transport IMDG/GGV sea class	N/A
UN number	N/A
MFGA number	N/A
EmS number	N/A
Air transport ICAO-Ti and	N/A
IAT A-DGR class	Not-regulated
UN number	N/A

**15 - REGULATORY INFORMATION****Labelling according to EU guidelines:**

The product has not been classified and marked in accordance with EU Directives / respective national laws.

**Special labelling of certain preparations:**

Safety data sheet available for professional user on request

**16 - OTHER INFORMATION**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.