

Product Name: DENT RETRACT

SECTION 1: Identification of the substance/preparation and of the company/undertaking

1.1- Product Identification

Product Name : Dent Retract
Product Code : DRT
Product Description : Ferric Chloride Solution
Packing Available : 30ml

1.2- Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses : Used for the retraction of gingiva before taking an impression. Used by dental professional only. For dental use only.

1.3- Details of the supplier of the safety data sheet

Manufacturer : Prime Dental Products Pvt Ltd.
Address : Plot No. A-148, Road No. 24, MIDC, Wagle Industrial Estate, Thane (West)-
400604, Maharashtra, India
Email : info@prime-dental.in
Web : www.prime-dental.in

1.4- Emergency contact details

Telephone : +919272235922 / +919272235925

SECTION 2: Composition/information on ingredients

2.1- Mixture

| Component | C.A.S. | EINECS | Classification* | Weight% | LD50 |
|------------------|---------------|---------------|------------------------|----------------|-------------------------|
| Ferric Chloride | 10025-77-1 | NA | H302, 314, 332 | <=35 | Oral (Mice): 601 mg/kg. |

*For wording of the listed 'R' phrases and 'H' statements see section 16

SECTION 3: Identification of Hazards

3.1- Hazard Description : "C" Corrosive (Ferric Chloride)

3.2- Information concerning to particular hazards to man and environment

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

On Skin: Causes serious severe skin burns

On Eyes: Causes serious eye damage

By Accidental Ingestion: Harmful if ingested

By Inhalation: Harmful if inhaled

SECTION 4: First aid measures

4.1- Description of first aid measures

General information: Immediately remove any clothing soiled by the product. Symptoms of poisoning may even occur after several hours; therefore, medical observation for at least 48 hours after the accident.

Contact with skin: Wash with soap and water. Get medical attention if irritation develops or persists.

Contact with eyes: Flush eyes with plenty of water. Get medical attention, if irritation persists.

Ingestion: Give plenty of water. DO NOT induce vomiting. Consult a physician if ingested in large amounts.

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

SECTION 5: Fire-Fighting Measures

5.1- Recommended extinguishers: Use fire extinguishing methods suitable to surrounding conditions.

5.2- Extinguishers not to be used: No data available

5.3- Risks arising from combustion: Avoid inhaling the fumes. During heating poisonous gases are produced

5.4- Protective equipment: Wear self-contained respiratory protective device.

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SECTION 6: Accidental Release Measures

6.1 Measures for personal safety: Wear self-contained respiratory protective device.

6.2 Measures for environmental protection: Do not allow product to reach sewage system or any water courses.

6.3 Measures for cleaning/collecting: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Use neutralizing agent.

SECTION 7: Handling and Storage

7.1- Handling product: Is intended for dental use only.

7.2- Information for safe handling: No special measures required. Observe normal care for working with chemicals.

7.3- Information about fire and explosion protection: No special measures required.

7.4- Storage requirements to be met by storerooms and receptacles: Store only in the original receptacle.

7.5- Information about storage in one common storage facility: Not required.

7.6- Further information about storage conditions: Protect from heat and direct sunlight.

SECTION 8: Exposure Controls/Personal Protection

8.1- Additional information about design of technical facilities: No further data; see section 7.

8.2- Ingredients with limit values that require monitoring at the workplace: None

8.3- Personal protective equipment:

- | | |
|----------------------------------|--|
| a. Respiratory protection | : Not required when used as per declared indications and in a well-ventilated area |
| b. Protection of hands | : 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. |
| c. Eye protection | : Safety glasses |
| d. Body protection | : Protective work clothing |

SECTION 9: Physical and Chemical Properties

9.1- Physical Properties:

Form : Liquid
Color : Amber
Odour : Slight iron odor

9.2- Chemical Properties:

| | |
|--|---|
| Melting point/Melting range | : Undetermined |
| Boiling point/Boiling range | : Undetermined |
| Ignition temperature | : Undetermined |
| Flash point | : Undetermined |
| Self-igniting | : Product is not self-igniting. |
| Danger of explosion | : Product does not present an explosion hazard. |
| Density | : 1.1-1.2 g/cm ³ |
| Solubility in / Miscibility with Water | : Partially soluble |

SECTION 10: Stability and Reactivity

10.1- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.2- Dangerous reactions: No dangerous reactions known

10.3 Dangerous decomposition products: No dangerous decomposition products known

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SECTION 11: Stability and Reactivity

11.1- Acute toxicity

Aluminum Chloride LD50: Oral (Mice): 601 mg/kg

11.2- Primary irritant effect : Nil

11.3- On the skin : Causes severe skin burns

11.4- On the eye : Causes severe eye damage

11.5- Sensitization : No sensitizing effects known.

SECTION 12: Ecological Information

12.1- Environmental data: No data available. Contact Env. Dept.

SECTION 13: Disposal Consideration

13.1- Product Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system.

13.2- Uncleaned Packaging Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport Information

General:

Proper Shipping Name: Corrosive Liquid, Acidic, Inorganic, N.O.S. (Ferric chloride hexahydrate mixture)

UN Number: 3264

Hazard Class: 8

Packaging Group: II

14.1- Air (ICAO/IATA)

Primary Hazard Class/Division : NAP

14.2- Road (RID/ADR)

Primary Hazard Class/Division : NAP

14.3- Vessel (IMO/IMDG/RID/ADR)

Primary Hazard Class/Division : NAP

SECTION 15: Regulatory Information

15.1- Safety, health and environmental regulations/legislation specific for the substance or mixture

General comments : Please refer to Medical Devices Directive 93/42/EEC

15.2- Chemical safety assessment : See Section 11

SECTION 16: Additional Information

16.1- 'R' phrases and 'H' statement:

H302: Harmful if swallowed

H314: Causes severe skin burns and eye damage.

H332: Harmful if inhaled

16.2- Prepared by: Tanay Thakkar

16.3- Manufacturer Disclaimer: For Dental Use Only, Use as directed.

The information and recommendations are taken from sources (raw material MSDS(s) and manufacturer's knowledge) believed to be accurate; however, Prime Dental Products Pvt Ltd, makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.
