

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

### **1.1- Product Identification**

Product Name : Dent Dry  
Product Description : Dentine Drying and degreasing agent  
Packing Available : 30ml

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

Relevant identified uses : Dentine Drying and degreasing agent. 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](mailto:info@prime-dental.in)  
Web : [www.prime-dental.in](http://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
Acetone	67-64-1	-	H225, H 319, H 336	15-60%	LD50 Oral - Rat - female - 5,800 mg/kg
Ethyl Acetate	141-78-6	-	H225, H 319, H 336	15-60%	LD50 Oral - Rat - 5,620 mg/kg
Ethanol	64-17-5	200-578-6	H225	5-15	Ingestion (rat): 17,800 mg/kg

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

## **SECTION 3: Identification of Hazards**

**3.1- Hazard Description** : Not Applicable

### **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:** Irritant, may cause temporary redness. Mild local irritation and sensitization. Intensive or continuous contact with skin may cause swelling, blistering

**On Eyes:** Irritant, may cause burning, redness, pain.

**By Accidental Ingestion:** Harmful if ingested, gastrointestinal irritation. Abdominal pain, nausea, vomiting, dizziness.

**By Inhalation:** Irritant to respiratory tract, sore throat, coughing, shortness of breath, dizziness, nausea.

## **SECTION 4: First aid measures**

### **4.1- Description of first aid measures**

**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 water. DO NOT induce vomiting. Consult a physician if ingested in large amounts.

**Inhalation:** Supply fresh air. Get medical attention if uncomfortable

## **SECTION 5: Fire-Fighting Measures**

**5.1- Recommended extinguishers:** Water, CO2, foam, or chemical powders, depending on the materials involved in the fire. Fight large fires with water spray or alcohol resistant foam.

**5.2- Extinguishers not to be used:** Water with full jet

**5.3- Risks arising from combustion:** Avoid inhaling the fumes.

**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 protective equipment. Keep unprotected person away.

**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, sawdust). Ensure adequate ventilation.

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## **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 and exposure to light.

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## **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:** Ethanol

Long-term value: 1920 mg/m<sup>3</sup>, 1000ppm.

**8.3- Personal protective equipment:**

**a. Respiratory protection** : Exposure under intended use no special precaution is required.

**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

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## **SECTION 9: Physical and Chemical Properties**

**9.1- Physical Properties:**

Form : Liquid

Color : Clear

Odour : Solvent odour

**9.2- Chemical Properties:**

Melting point/Melting range : Undetermined

Boiling point/Boiling range : Undetermined

Ignition temperature : Undetermined

Flash point : 30.5°C (Ethanol), -17°C (Acetone) -4°C (Ethyl Acetate) (Closed Cup Method)

Self-igniting : Product is not self-igniting.

Danger of explosion : Product does not present an explosion hazard.

Density : Undetermined

Solubility in / Miscibility with Water : Undetermined

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## **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 under normal conditions.

**10.4- Avoid:** Exposure to heat and direct sunlight/light

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## **SECTION 11: Stability and Reactivity**

### **11.1- Acute toxicity-**

Acetone : LD50 Oral - Rat - female – 5,800 mg/kg

Ethyl Acetate : LD50 Oral - Rat – 5,620 mg/kg

Ethanol : LD50 Ingestion- 17,800 mg/kg

### **11.2- Primary irritant effect-**

**On the skin** : May cause skin irritation

**On the eye** : May cause irritating effect.

**Sensitization** : May be possible through skin contact.

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## **SECTION 12: Ecological Information**

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

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## **SECTION 13: Disposal Consideration**

**13.1- Product Recommendation:** Dispose of contents/ container in accordance with the local/regional/national/international regulations. Incinerate in a permitted waste incineration facility.

**13.2- EPA Hazardous Waste Number (RCRA):** D001 (Ignitable)

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## **SECTION 14: Transport Information**

### **14.1- Air (ICAO/IATA)**

**Primary Hazard Class/Division** : No classification

### **14.2- Road (RID/ADR)**

**Primary Hazard Class/Division** : No classification

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

**Primary Hazard Class/Division** : No classification

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## **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

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## **SECTION 16: Additional Information**

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

H225: Highly flammable liquid and vapour

H319: Causes serious eye irritation

H-336: May cause drowsiness and dizziness

**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.

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