

Product Name: NT FOG

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

### **1.1- Product Identification**

Product Name : NT Fog  
Product Code : NFG  
Product Description : Anti fogging solution  
Packing Available : 100ml

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

Relevant identified uses : Anti fogging solution. 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**

<b>Component</b>	<b>C.A.S.</b>	<b>EINECS</b>	<b>Classification*</b>	<b>Weight%</b>	<b>LD50</b>
Iso Propyl Alcohol	67-63-0	NA	H225, 319, 335	<=90%	Oral (rat): 5,840mg/kg

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

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

### **3.1- Hazard Description: Danger**

### **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.

H225- Highly flammable liquid

H319- Causes serious eye irritation

H335- May cause respiratory irritation

### **3.3- Classification system**

The classification is according to the latest editions of the EU-lists and extended by company and literature data.

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

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

**Contact with skin:** Flush thoroughly with water. If irritation persists, seek medical attention immediately.

**Contact with eyes:** Immediately flush eyes with a directed stream of water for at least 15 minutes while forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. Get medical attention immediately.

**Ingestion:** Give water. DO NOT induce vomiting. Contact poison centre immediately.

**Inhalation:** Remove to fresh air. If breathing is difficult, get medical attention immediately.

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

**5.1- Recommended extinguishers:** CO<sub>2</sub>, alcohol resistant foam or chemical powders, depending on the materials involved in the fire.

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

**5.3- Unusual Fire and Explosion Hazards:** Keep containers tightly closed. Isolate from heat, sparks, electrical equipment and open flames.

**5.4- Protective equipment:** Use self-contained breathing apparatus and full protective equipment.

## **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:** Take up liquid spill into absorbent material, e.g.: dry sand/earth/vermiculite or powdered limestone. Scoop absorbed substance into closing containers. Damaged/cooled tanks must be emptied. Do not use compressed air for pumping over spills. Carefully collect the spill/leftovers. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.

## **SECTION 7: Handling and Storage**

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

**7.2- Information for safe handling and storage facility:** Keep away from heat sources, ignition sources, ammonia, strong oxidizers, strong acids, halogens. Always store in well ventilated rooms

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

**7.4- Further information about storage conditions:** Protect from heat and direct sunlight and exposure to light. Always store in well ventilated rooms

## **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:**

NIOSH REL (TWA): 980 mg/m<sup>3</sup>

NIOSH REL (TWA): 400 ppm

**8.3- Personal protective equipment:**

**a. Respiratory protection** : Gas mask with filter type A.

**b. Protection of hands** : Wear impervious gloves.

**c. Eye protection** : Safety glasses

**d. Body protection** : Wear impervious protective clothing including rubber safety shoes. Eye wash facility and emergency shower should be in close proximity

## **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 : 82°C

Ignition temperature : Undetermined

Flash point : 11.7°C

Self-igniting : Undetermined

Danger of explosion : Yes

Density : Undetermined

Solubility in / Miscibility with Water : Undetermined

## **SECTION 10: Stability and Reactivity**

**10.1- Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications. Avoid incompatible materials, heat sources, direct sunlight and sparks.

**10.2- Dangerous reactions:** Stable under normal conditions

**10.3- Dangerous decomposition products:** Carbon dioxide, carbon monoxide

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**10.4- Avoid:** Ammonia, strong oxidizers and strong acids.

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

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

Iso propyl alcohol LD50 Oral (rat): 5,840mg/kg

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

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

**11.4- Sensitization** : No sensitizing effects known.

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## **SECTION 12: Ecological Information**

**12.1- Environmental data:** Iso propyl alcohol LC50 Fish 1: 9,640 – 10,000 mg/l

No data available. Contact Env. Dept.

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## **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.

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## **SECTION 14: Transport Information**

### **Shipping Classifications:**

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

**Primary Hazard Class/Division** : No data available

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

**Primary Hazard Class/Division** : No data available

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

**Primary Hazard Class/Division** : No data available

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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

H319- Causes serious eye irritation

H335- May cause respiratory irritation

**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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