

**Material Safety Data Sheet**

**Product Name : TOROSEPT**

**MSDS No. : MSDS/FZDT06/01**

**Version No.: 01**

**Effective Date: 01/10/2011**

**Ref. SOP: SOP/QA/020/02**

**Page No.: 1 of 4**

**1. Identity of Material**

Product Name	Skin Disinfectant	
Trade Name	TOROSEPT	
Formula	Label : Isopropanol 63.00 gms Benzalkonium Chloride 0.025 gms Aqueous Base Q.S. Category : Skin Disinfectant Class : Not available CAS Number : Not assigned for the product	UN Number : 1219
Regulated Identification	Shipping Name: Isopropanol & Benzalkonium Chloride solution. Codes/ Label : Flammable liquid / 3	HAZCHEM CODE : Not available
	Hazardous Waste : Not available Identification Number: Not available	
Sr.No.	Ingredients	CAS Number
1.	Isopropanol	67-63-0
2.	Benzalkonium Chloride	8001-54-5
3.	Water	7732-18-5

**2. Physical and Chemical Properties**

Physical State: Liquid	Boiling point in degree C : Not available	Vapour Pressure of 33 degree c mm hg: Not available
Appearance: Deep Brown coloured clear liquid	Melting/Freezing Point in degree C : Not available	Evaporation rate at 30 degree C: Not available
Other Corrosivity : Not available	Specific Gravity: Not available	pH : 5.5 to 7.5

**3. Fire and Explosive Hazard Data**

Explosion/ Flammability : Not available	Flash point (deg.) Flash point (deg.): 21.5°C	LEL: Not available	Auto ignition Temperature degree C: Not available
		UEL: Not available	TDG Flammability (classification): 3

**Torrel Cos. Pvt. Ltd.**

## Material Safety Data Sheet

**Product Name : TOROSEPT**

**MSDS No. :** MSDS/FZDT06/01

**Version No.:** 01

**Effective Date:** 01/10/2011

**Ref. SOP:** SOP/QA/020/02

**Page No.:** 2 of 4

### 4. Reactivity Hazards

	IMPACT : Not available	Hazardous Combustion Products: Not available
Stability : The product is stable.	Static Discharge: Not available	Hazardous Decomposition Products: Not available
	Reactivity: Not available	Conditions to avoid: Not available

(Hazardous Polymerisation)	May not occur
Compatibility	Not available

### 5. Health Hazard Data

Routes of Entry: Inhalation, skin, eye, ingestion

Effects of Exposure/symptoms: Eye irritation.

LD 50 (in rat) orally: 13000 mg/kg

Permissible Exposure ppm mg/cu.m : Not available	Short term Exposure Limit (STEL) ppm mg/cu/m: Not available
Odour Threshold Limit pp mg/ cu.m: Not available	
Value (TI .V) of Aogih: Not available	
Emergency Treatment : Not available	

### 6. Hazard Specification

NFPA Hazard signal	Health	Flammability	Reactivity	Special
Known hazards	-	3	-	-
Combustible Liquid Flammable Material	-	-	-	-
Prophoric Material	-	-	-	-
Explosive Material	-	-	-	-
Unstable Material	-	-	-	-

**Material Safety Data Sheet**

**Product Name : TOROSEPT**

**MSDS No. : MSDS/FZDT06/01**

**Version No. : 01**

**Effective Date: 01/10/2011**

**Ref. SOP: SOP/QA/020/02**

**Page No.: 3 of 4**

**7. Safe Usage Data**

Ventilation	General Local Exhaust
Equipment Required	Eyes: Safety glasses Respiratory: Not necessary if room is well-ventilated. Gloves: Protective Clothing : Protective
Precautions	Handling: No special precautions necessary if used correctly. Keep away from heat and direct sunlight. Information about protection against explosions and fires: Keep ignition sources away. Do not smoke. Storage: Requirements to be met by storerooms and containers. Store only in the original container. Information about storage in one common storage facility. Not required. Further information about storage conditions. Keep container tightly sealed.

**8. Emergency Response Data**

Equipment required	Fire Extinguish Media: CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
	Special Procedures: Not available
	Unusual Hazards: Not available
Exposure (Inhalation, skin, and eye contacts ingestion)	First Aid Measure: Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Skin: The product is not skin irritating Eye: Rinse cautiously with water for several minutes. Ingestion: Rinse mouth. Do NOT induce vomiting.
Spills	Steps to be taken: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.

**9. Additional Information**

DISCLAIMER: Information contained in this MSDS is believed to be reliable but no representation; guarantee or warranties of any kind are made us to its accuracy, suitability for a particular application or results to be obtained from them. It is up to the manufacturer/seller to ensure that the information contain in the MSDS is relevant to the product manufactured/ handled or sold by him as the case may be .The TCPL makes no warranties expressed or implied in respect of the adequacy of this document for any particular purpose

**10. Additional Information**

**References:**

- MSDS format as per Gujarat factories rules, 1963, Schedule-5, Rule 68-J.
- [www.Hazard.com](http://www.Hazard.com), [www.sciencelab.com](http://www.sciencelab.com).
- Fire & Explosion hazards handbook of industrial chemicals.

Torrel Cos. Pvt. Ltd.

**Material Safety Data Sheet****Product Name : TOROSEPT****MSDS No. : MSDS/FZDT06/01****Version No.:** 01**Effective Date:** 01/10/2011**Ref. SOP:** SOP/QA/020/02**Page No.:** 4 of 4**11. Manufactures Data****Firms Name:** TORREL COS. PVT. LTD.**Mailing Address :** C/2 SAFAL PROFITAIRE, OPP. AUDA GARDEN, PRAHALADNAGAR,  
SATELLITE, AHMEDABAD, GUJARAT, INDIA. 380015**Telephone Number:** 079-29701703