

Material Safety Data Sheet

Product Name : TOROSEPT F

MSDS No. : MSDS/FZDT07/01

Version No.: 01

Effective Date: 18/07/2014

Ref. SOP: SOP/QA/020/02

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1. Identity of Material

Product Name	Skin Disinfectant	
Trade Name	TOROSEPT - F	
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/ Composition	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 °C mm hg: 16 kPa at 50 °C
Appearance: Clear colourless liquid	Melting/Freezing Point in degree C : Not available	Evaporation rate at 30 ° C: No data available
Other Corrosivity : Not available	Specific Gravity: 0.89 g/ml	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

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4. Reactivity Hazards

	IMPACT : Not available	Hazardous Combustion Products: Not available
Stability: The product is stable.	Static Discharge: Not available	Hazardous Decomposition Products: No decomposition if stored and applied as directed.
	Reactivity: No reactivity if stored and applied as directed	Conditions to avoid: Heat, Strong Sunlight for prolong periods.

(Hazardous Polymerisation)	None reasonably foreseeable
Compatibility	Not available

5. Health Hazard Data

Routes of Entry: Inhalation, skin, eye, ingestion

Effects of Exposure/symptoms: Mild Eye irritation. No Skin irritation

LD 50 (in rat) orally: 13.000 mg/kg, Method: Calculation Method,

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	-	-	-	-

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7. Safe Usage Data

Ventilation	General Local Exhaust, Ensure adequate Ventilation.
Personal Protection Equipment Required	Eyes: Safety glasses Respiratory: Not necessary if room is well-ventilated. Gloves: Protective Clothing : Protective Environmental Precaution: Should not be released into the environment.
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: Store at room temperature in the original container. Keep tightly closed. Advice on common storage: Keep away from food and Drink.

8. Emergency Response Data

Equipment required	Fire Extinguish Media: In case of Fire, use Water, water Spray, water Jacket, CO2, sand, foam, alcohol resistant foam, and extinguishing powder for extinction.
	Special Procedures: cool closed containers exposed to fire with water spray.
	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. Ingestion: Rinse mouth. Do NOT induce vomiting Skin: The product is not skin irritating Eye: Rinse cautiously with water for several minutes.
Spills	Steps to be taken: Soak up with inert absorbent with liquid-binding material (sand, silica gel, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.

Torrel Cos. Pvt. Ltd.

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9. Additional Information

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10. Additional Information

References:

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

11. Manufactures Data

Firms Name: TORREL COS. PVT. LTD.

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