

Material Safety Data Sheet

Product Name : TORCILOCID CONCENTRATE

MSDS No. : MSDS/FZDT01/02

Version No. : 02

Effective Date: 17/10/2011

Ref. SOP: SOP/QA/020/02

Page No.: 1 of 4

1. Identity of Material

Product Name	Surface Disinfectant Solution		
Trade Name	TORCILOCID CONCENTRATE		
Formula	Label : 1,6-Dihydroxy 2,5-Dioxahexane (Chemically Bound Formaldehyde) Glutaraldehyde Benzalkonium Chloride Alkyl Urea Derivative Category: Surface disinfectant Class: Not available CAS Number: Not assigned for the product	11.2 % w/w 5.0% w/w 5.0 % w/w 3.0% w/w	UN Number: Not available
Regulated Identification	Shipping Name: Not available Codes/ Label: Not available		HAZCHEM CODE: Not available
	Hazardous Waste: Not available Identification Number: Not available		
Sr.No.	Ingredients	CAS Number	
1.	1, 6-Dihydroxy 2, 5-Dioxahexane	3586-55-8	
2.	Gluteraldehyde	111-30-8	
3.	Benzalkonium Chloride	8001-54-5	
4.	Alkyl Urea Dérivative (Guanidine HCl.)	50-05-1	
5.	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: Light yellow 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: 4.0 to 6.0

3. Fire and Explosive Hazard Data

Explosion/ Flammability: Non flammable	Flash point (deg.) Flash point (deg.): 58 ⁰ C	LEL: Not available	Auto ignition Temperature degree C: Not available
		UEL: Not available	TDG Flammability (classification): Not available

Material Safety Data Sheet

Product Name : TORCILOCID CONCENTRATE

MSDS No. : MSDS/FZDT01/02

Version No. : 02

Effective Date: 17/10/2011

Ref. SOP: SOP/QA/020/02

Page No.: 2 of 4

4. Reactivity Hazards

Stability: The product is stable.	IMPACT: Not available	Hazardous Combustion Products: Not available
	Static Discharge: Not available	Hazardous Decomposition Products: No dangerous decomposition products known.
	Reactivity: No dangerous reactions known	Conditions to avoid: No decomposition if used according to specifications.

(Hazardous Polymerisation)	May not occur
Compatibility	Not available

5. Health Hazard Data

Routes of Entry: Inhalation, skin, eye and ingestion

Effects of Exposure/symptoms: Not available

LD 50 (in rat) oral: Not available

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: Inhalation: Remove the victim from exposure & move to fresh air immediately. Give artificial respirator or oxygen if needed. Ingestion: Give large amounts of water to drink. Never give anything by mouth to an unconscious person. Call a physician immediately. Skin: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Call a physician immediately. Eyes: Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally.	

Material Safety Data Sheet

Product Name : TORCILOCID CONCENTRATE

MSDS No. : MSDS/FZDT01/02

Version No. : 02

Effective Date: 17/10/2011

Ref. SOP: SOP/QA/020/02

Page No.: 3 of 4

6. Hazard Specification

NFPA Hazard signal	Health	Flammability	Stability	Special
Known hazard	-	-	-	-
Combustible Liquid Flammable Material	-	-	-	-
Prophoric Material	-	-	-	-
Explosive Material	-	-	-	-
Unstable Material	-	-	-	-

7. Safe Usage Data

Ventilation	General Local Exhaust
Equipment Required	Eyes: Tightly sealed safety glasses Respiratory: Adequate ventilation. Gloves: Protective Clothing: Protective
Precautions	Handling: Keep containers tightly sealed. No special measures required. Storage: Keep container tightly sealed. Protect from frost.

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: No special measures required
	Unusual Hazards: Not available
Exposure (Inhalation, skin, and eye contacts ingestion)	First Aid Measure: Inhalation: Supply fresh air and call for doctor for safety reasons. Skin: Instantly wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor. Eye: Rinse opened eye for several minutes under running water. Call a doctor immediately. Ingestion: Rinse out mouth and then drink plenty of water. Call a doctor immediately.
Spills	Steps to be taken: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.

Torrel Cos. Pvt. Ltd.

Material Safety Data Sheet

Product Name : TORCILOCID CONCENTRATE

MSDS No. : MSDS/FZDT01/02

Version No.: 02

Effective Date: 17/10/2011

Ref. SOP: SOP/QA/020/02

Page No.: 4 of 4

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, www.sciencelab.com.
- Fire & Explosion hazards handbook of industrial chemicals.

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