

Material Safety Data Sheet

Product Name : LINO CLEAN

MSDS No. : MSDS/FZDL01/01

Version No.: 01

Effective Date: 26/11/2011

Ref. SOP: SOP/QA/020/02

Page No.: 1 of 4

1. Identity of Material

Product Name	Linen Disinfectant	
Trade Name	LINO CLEAN	
Formula	Label : Di-decyl Dimethyl Ammonium Chloride 5 % w/w Perfume 0.5 % w/w Category: Linen Disinfectant Class: Not available CAS Number: Not assigned for the product	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.	Didecyl dimethyl ammonium chloride	7173-51-5
2.	Fatty alcohol polyglycol ether	68439-50-9
3.	Isopropanol	67-63-0
4.	Tetrasodium ethylenediaminetetraacetate	64-02-8
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: 1.000 gm/ml	PH: 9.0 to 11.0

3. Fire and Explosive Hazard Data

Explosion/Flammability: Not available	Flash point (deg.) Flash point (deg.): 37 ⁰ C	LEL: Not available	Auto ignition Temperature degree C: Not available
		UEL: Not available	TDG Flammability (classification): Not available

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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: No dangerous reactions known	Conditions to avoid: Not available
Hazardous Polymerisation	Will not occur	
Compatibility	Not available	

5. Health Hazard Data

Routes of Entry: Inhalation, skin, eye and ingestion

Effects of Exposure/symptoms: Irritant for skin and mucous membrane. Strong irritant with the danger of severe eye injury.

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: Do NOT induce vomiting. Rinse mouth with water. Skin: Wash with plenty of soap and water. Eyes: Rinse cautiously with water for several minutes.	

6. Hazard Specification

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

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Version No.: 01

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Ref. SOP: SOP/QA/020/02

Page No.: 3 of 4

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, ingestion, skin and eye contacts)	First Aid Measure: Inhalation: Remove the victim from exposure & move to fresh air immediately. Give artificial respirator or oxygen if needed. Ingestion: Do NOT induce vomiting. Rinse mouth with water. Skin: Wash with plenty of soap and water. Eyes: Rinse cautiously with water for several minutes.
Spills	Steps to be taken: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation. Dispose off according to local and regional authority requirements.

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

Torrel Cos. Pvt. Ltd.

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Ref. SOP: SOP/QA/020/02

Page No.: 4 of 4

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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