

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME** : LECTROCLEAN FAST  
**PRODUCT TYPE** : Industrial cleaning product

**COMPANY** : UNI AMERICAS L.L.C.  
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Slidell, Louisiana 70461  
United States of America  
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**2. COMPOSITION/INFORMATION ON INGREDIENTS**

1. 1, 1, 1 Trichloroethane CASnr: 71556

**3. HAZARDS IDENTIFICATION**

**HUMAN HEALTH** : Prolonged contact may cause dermatitis and sensitization.

**RISK CLASSIFICATION** : Harmful R-40 Possible risks of irreversible effects.

**ENVIRONMENTAL HAZARDS** : Do not let down into the environment.

**4. FIRST AID MEASURES**

**INHALATION** : Remove to fresh air. Keep the patient calm in an upright position. If the patient does not quickly recover, seek medical advice.

**SKIN** : Take of contaminated clothing. Wash the skin with water and soap.

**EYE** : Flush with large amounts of water. Seek medical advice.

**INGESTION** : Wash the mouth with water. Give two glasses of water to drink and seek medical advice.

**5. FIRE FIGHTING MEASURES**

**FLASH POINT** : None.

**SPECIFIC HAZARDS** : See under 9

**EXTINGUISHING MEDIA** : No limitations

**6. ACCIDENTAL RELEASE MEASURES**

- CLEANING UP** : Absorb spills in sand, earth or other inert material. Dispose of the material according to local regulations. Scrub contaminated surfaces with detergent solution.
- ENVIRONMENTAL PRECAUTION** : Prevent contamination of soil and water. Prevent from spreading or entering into drains, ditches, rivers or coastal water.

**7. HANDLING AND STORAGE**

- HANDLING** : Avoid formation of aerosols. Provide adequate ventilation (vapours are heavier than air.)
- STORAGE** : Keep in closed containers, in a dry place at ambient temperatures. Store away from oxidising agents.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

- MAK** : 55 ml/m<sup>3</sup> (Trichloroethane, calculated on the product).
- PREVENTIVE MEASURES** : Clean contaminated clothing before re-use. Use in combination with ventilation or breathing protection.
- PERSONAL PROTECTIVE EQUIPMENT** : Wear suitable protective clothing, eye protection and gloves. With risk of inhalation wear half mask respirator with filter. Type A.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- APPEARANCE** : Clear liquid, colourless
- ODOUR** : Chlorine
- FLASH POINT** : None
- DENSITY (20°C)** : 1.1
- SOLUBILITY** : Not miscible with water, miscible with most organic solvents.

**10. STABILITY AND REACTIVITY**

- STABILITY** : Stable min 2 years at ambient temperature if stored in closed container.
- REACTIVITY** : Reacts with oxidising agents and alkalines.
- HAZARDOUS DECOMPOSITION PRODUCTS** : Thermal decomposition may yield the following:  
Carbon oxides, hydrochloric acid

**11. TOXICOLOGICAL INFORMATION**

Information given is based on knowledge of the constituents and the toxicology of similar substances.

<b>ORAL</b>	:	Coughing, cramps LD50(rat) > 5000 mg/kg
<b>SKIN CONTACT</b>	:	The product can penetrate the skin: redness, dry skin.
<b>EYE CONTACT</b>	:	Irritating
<b>INHALATION</b>	:	Coughing, headache Tdlo(human) > 800 mg/kg

## 12. ECOLOGICAL INFORMATION

Information given is based on knowledge of the constituents and the toxicology of similar substances.  
The information stated below is to be taken on account of the solvent.

<b>DAPHNIA</b>	:	EC50: < 1 mg/l
<b>FISH</b>	:	EC50: < 1 mg/l

The product will float on water, adsorb to soil and thus not spread. The product is biodegradable.

## 13. DISPOSAL CONSIDERATIONS

Dispose of according to local regulations. Contaminated product is to be regarded as chemical waste.

## 14. TRANSPORT INFORMATION

<b>UN-number</b>	:	2831
<b>ADR</b>	:	6.1 15c)
<b>IMO</b>	:	6.1/III

## 15. REGULATORY INFORMATION

<b>EG</b>	:	602-027-00-9
<b>SYMBOL</b>	:	Harmful
<b>R-PHRASES</b>	:	R-40
<b>S-PHRASES</b>	:	S-23, 36/37

## 16. OTHER INFORMATION

The information contained herein relates only to the specific material identified. Uniam believes that such information is accurate and reliable as of the date of this material safety data sheet, but no representation, guarantee or warranty, express or implied, is made as to the accuracy, reliability, or completeness of the information. Uniam urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application.

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