

**MSDS - Material Safety Data Sheet****Product Name: Lumiscene Solution**

MSDS No.: FRA00008

**I. Basic Information:**

Manufacturer: Loci Forensic Products

Address: Flierveld 59, Netherlands

City, ST Zip:

Emergency Contact: Chem Trec

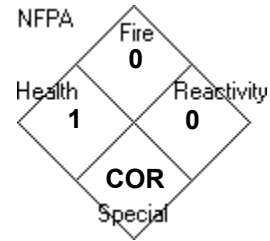
Emergency Telephone Number: 899-424-9300

Contact: Tech Support

Information Telephone Number: 919-554-2244

Last Update: 01/27/2011

Expiration Date:

Chemical State:  Liquid  Gas  SolidChemical Type:  Pure  Mixture

1	Health
0	Flammability
0	Reactivity
B	Pers. Protection

**II. Ingredients:** Trade Secret (N/D = Not Disclosed)

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z	313					
1310732	Sodium hydroxide	N/D						2 mg/m3	2 mg/m3	1,390 C	

**III. Hazardous Identification:**

Hazard Category:

 Acute  Chronic  Fire  Pressure  Reactive

Hazardous Identification Information:

Corrosive..Avoid contact with the skin and eyes. Skin and Eye irritant, If ingested may cause gastro-intestinal tract upset.

**IV. First Aid Measures:**

Route(s) of Entry:

Ingestion, Skin, Eyes

Health Hazards (Acute and Chronic):

Corrosive

Signs and Symptoms:

Skin and Eye Irritant

Medical Conditions Generally Aggravated by Exposure:

Dermatitis

Emergency and First Aid Procedures:

Ingestion: DO NOT INDUCE VOMITING. Do not administer liquids. Transport to medical facility by ambulance.

Eyes: Flush with water for at least 15 minutes holding eyelids open, If irritation, redness, pain or impaired vision develops, contact a physician immediately.

Skin: Wash with soap and water. Remove contaminated clothing. Do not wash with solvents or thinners. If irritation develops, contact a physician

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### Other Health Warnings:

May cause fire if in contact with combustible materials

### V. Fire Fighting Measures:

Flash Point: N/A

Lower Explosive Limit:

Upper Explosive Limit:

F.P. Method:

Fire Extinguishing Media: Non-flammable Fight fire for surrounding materials. DO NOT USE WATER

### Special Fire Fighting Procedures:

Not relevant

### Unusual Fire and Explosion:

None known

### VI. Accidental Release Measures:

#### Steps to be Taken in Case Material is Released or Spilled:

None specified

### VII. Handling and Storage:

#### Precautions to be Taken:

Wear gloves and eye protection

#### Other Precautions:

Store in a cool, dry place. Alkaline. Do not store with acids

### VIII. Exposure Controls/Personal Protection:

#### Ventilation Requirements:

None specified

#### Personal Protective Equipment:

Safety glasses, latex or nitrile gloves

### IX. Physical and Chemical Properties:

Boiling Point: Not specified

Melting Point: Not specified

Evaporation Rate (Butyl Acetate = 1):

Vapor Pressure (mm Hg.):

Specific Gravity (H<sub>2</sub>O = 1):

Vapor Density (AIR = 1): >1

Solubility In Water: Soluble

Appearance and Odor:

Other Information: Strongly basic (alkaline)

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### X. Stability and Reactivity:

**Stability:**

Normally stable

**Incompatibility (Materials to Avoid):**

Acids

**Decomposition/By Products:**

N/A

**Hazardous Polymerization:**

None known

### XI. Toxicological Information:

Sodium hydroxide is listed on the TSCA inventory.

### XII. Ecological Information:

Prevent from entering streams and waterways. May be harmful to some aquatic animals.

### XIII. Disposal Considerations:

Dispose of according to local, state, and federal regulations.

### XIV. Transport Information:

IATA

Shipping name: Hydrogen peroxide urea

Hazard class: 5.1

UN no.: 1511

Packing group: III

### XV. Regulatory Information:

Sodium hydroxide is listed on the TSCA inventory. See Section 14 for transport information.

### XVI. Other Information:

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes.

Using this product under normal, properly instructed procedures should not be hazardous.