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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Trade name/designation : Forensic Sil in all colours

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Specific use(s) : Forensic, Training and Education

### 1.3. Details of the supplier of the safety data sheet

Company: : Loci Forensics B.V.  
 Flierveld 59  
 2151 LE Nieuw-Vennep , The Netherlands  
 Telephone: +31(0)6-39455562; +31(0)6-39455563  
 Fax: +31(0)20-8907749  
 E-mail: Info@lociforensics.nl  
 Website: http://www.lociforensicproducts.nl

### 1.4. Emergency telephone number

Emergency telephone : +31(0)6-39455562 (9 - 17h; GMT+1)  
 +31(0)6-39455563 (9 - 17h; GMT+1)

#### IRELAND (REPUBLIC OF)

National Poisons Information Centre  
 Beaumont Hospital +35 318 37 99 64

#### UNITED KINGDOM

National Poisons Information Service  
 (Newcastle Centre) 0870 600 6266 (UK only)  
 Regional Drugs and Therapeutics Centre,  
 Wolfson Unit

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### **2.1.1. Classification according to Regulation (EU) 1272/2008**

CLP-Classification : Not a hazardous substance or mixture according to Regulation (EC)  
 No. 1272/2008.

Not classified

#### **2.1.2. Classification according to EU Directives 67/548/EEC or 1999/45/EC**

Classification : The product is non-dangerous in accordance with Directive  
 1999/45/EC.

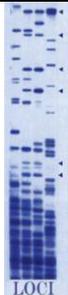
Not classified

### 2.2. Label elements

#### **2.2.1. Labelling according to Regulation (EU) 1272/2008**

Not applicable.

#### **2.2.2. Labelling according to Directives (67/548 - 1999/45)**

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Not relevant

**2.3. Other hazards**

Other hazards which do not result in classification : Results of PBT and vPvB assessment  
no data available

**SECTION 3: Composition/information on ingredients**

**3.1. Substances**

Not applicable

**3.2. Mixtures**

Full text of R-, H- and EUH-phrases: see section 16

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

- Inhalation : Provide fresh air.  
Keep at rest.
- Skin contact : After contact with skin, wash immediately with plenty of water and soap.
- Eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
If eye irritation persists, consult a specialist.
- Ingestion : Rinse mouth.  
Consult a physician if necessary.
- Additional advice : First aider: Pay attention to self-protection!  
See also section 8  
Never give anything by mouth to an unconscious person or a person with cramps.  
Show this safety data sheet to the doctor in attendance.  
Treat symptomatically.  
When in doubt or if symptoms are observed, get medical advice.

**4.2. Most important symptoms and effects, both acute and delayed**

- Inhalation : No adverse effects are expected.
- Skin contact : No adverse effects are expected.
- Eye contact : May cause eye irritation.
- Ingestion : No adverse effects are expected.

**4.3. Indication of any immediate medical attention and special treatment needed**

No data available

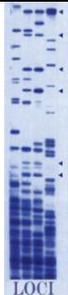
**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Extinguishing media which shall not be used for safety reasons : Strong water jet

**5.2. Special hazards arising from the substance or mixture**

- Fire hazard : Combustible material

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Specific hazards : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

### **5.3. Advice for firefighters**

Advice for firefighters : Special protective equipment for firefighters.  
In the event of fire, cool tanks with water spray.  
Evacuate area.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Advice for non-emergency personnel : Evacuate area.  
Provide adequate ventilation.  
Use personal protective equipment as required.  
See also section 8  
Avoid contact with skin, eyes and clothes.  
Do not breathe vapour/spray.

Advice for emergency responders : Only qualified personnel equipped with suitable protective equipment may intervene.  
See also section 8.

### **6.2. Environmental precautions**

Environmental precautions : Do not allow to enter into surface water or drains.

### **6.3. Methods and material for containment and cleaning up**

Methods for cleaning up : Prevent further leakage or spillage if safe to do so.  
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Sweep up and shovel into suitable containers for disposal.  
Dispose according to legislation.

### **6.4. Reference to other sections**

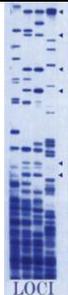
See also section 8  
See also section 13.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

Handling : Provide adequate ventilation.  
Use personal protective equipment as required.  
See also section 8  
Avoid contact with skin, eyes and clothes.  
Take care to avoid waste and spillage when weighing, loading and mixing the product.  
Take any precaution to avoid mixing with incompatible materials.  
See also section 10  
Do not allow to enter into surface water or drains.  
After use replace the closing cap immediately.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.  
Wash hands and face before breaks and immediately after handling of the product.  
When using do not eat, drink or smoke.  
Take off contaminated clothing and wash before reuse.

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**7.2. Conditions for safe storage, including any incompatibilities**

Storage : Store at room temperature in the original container.  
 Keep container tightly closed.  
 Do not store near or with any of the incompatible materials listed in section 10.  
 Keep at temperatures between 15 and 23 °C.

**7.3 Specific end use(s)**

not applicable.

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

Exposure limit(s) : No information available.

**8.2. Exposure controls**

Personal protective equipment : The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection : Not required under normal use.

Hand protection : Not required under normal use. rubber gloves. (EN 374) The selection of specific gloves for a specific application and time of use in a working area, should also take into account other factors on the working space, such as (but not limited to): other chemicals that are possibly used, physical requirements (protection against cutting/drilling, skill, thermal protection), and the instructions/specification of the supplier of gloves.

Eye protection : Not required under normal use. Safety glasses (EN 166)

Skin and body protection : Not required under normal use.  
 Wear suitable protective clothing. (EN 465, EN 466 or EN 467)

Thermal hazard protection : Not required under normal use.  
 Use dedicated equipment.

Engineering control measures : Provide adequate ventilation.  
 Use only in area provided with appropriate exhaust ventilation.  
 Ensure that eyewash stations and safety showers are close to the workstation location.  
 Organisational measures to prevent /limit releases, dispersion and exposure

Environmental exposure controls : Do not allow to enter into surface water or drains.  
 Comply with applicable Community environmental protection legislation.

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

Appearance : paste

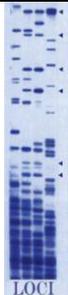
Colour : various

Odour : No data available

Odour Threshold : No data available

Odour Threshold : No data available

pH : No data available

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Melting point/range	: No data available
Boiling point/boiling range	: > 150 °C
Flash point	: No data available
Evaporation rate	: No data available
Flammability (solid, gas)	: Not applicable, liquid
Explosion limits (LEL, UEL)	: No data available
Vapour pressure	: No data available
Vapour density	: No data available
Density	: 1,2 g/l
Relative density	: No data available
Water solubility	: No data available
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Autoignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Explosive properties	: Not applicable The study does not need to be conducted because there are no chemical groups associated with explosive properties present in the molecule.
Oxidizing properties	: Not applicable The classification procedure needs not to be applied because there are no chemical groups present in the molecule which are associated with oxidising properties.

### **9.2. Other information**

No data available

## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

Reactivity : See also section 10.5

### **10.2. Chemical stability**

Stability : The product is stable under storage at normal ambient temperatures.

### **10.3. Possibility of hazardous reactions**

Hazardous reactions : Not known or expected under normal use.

### **10.4. Conditions to avoid**

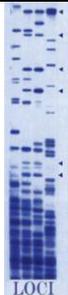
Conditions to avoid : None known.

### **10.5. Incompatible materials**

Incompatible materials : None.

### **10.6. Hazardous decomposition products**

Hazardous decomposition products : none

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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	: Not classified (Based on available data, the classification criteria are not met.)
Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met.) pH: No data available
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met.) pH: No data available
Respiratory/skin sensitisation	: Not classified (Based on available data, the classification criteria are not met.)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met.)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met.)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met.)
Specific target organ toxicity (single exposure)	: Not classified (Based on available data, the classification criteria are not met.)
Specific target organ toxicity (repeated exposure)	: Not classified (Based on available data, the classification criteria are not met.)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met.)

### Further information

Symptoms related to the physical, chemical and toxicological characteristics, See section 4.2.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecotoxicity effects : Ecological injuries are not known or expected under normal use.

### 12.2. Persistence and degradability

Persistence and degradability : No data available

### 12.3. Bioaccumulative potential

Bioaccumulation : No data available

Partition coefficient: n-octanol/water : No data available

### 12.4. Mobility in soil

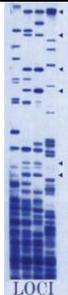
Mobility : No data available

### 12.5. Results of PBT and vPvB assessment

PBT/vPvB : No data available

### 12.6. Other adverse effects

Further information : no data available

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

- Waste from residues / unused products : Do not allow to enter into surface water or drains.  
Where possible recycling is preferred to disposal or incineration.  
Collect and dispose of waste product at an authorised disposal facility.  
Dispose according to legislation.
- Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.  
Dispose according to legislation.
- Additional ecological information : Do not allow to enter into surface water or drains.
- List of suggested waste codes/waste designations in accordance with the EWC: : The following Waste Codes are only suggestions:  
150110 - packaging containing residues of or contaminated by dangerous substances  
Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

### SECTION 14: Transport information

#### 14.1. UN number

UN-No. : NA

#### 14.2. UN proper shipping name

Proper Shipping Name : NA

#### 14.3. Transport hazard class(es)

##### 14.3.1. Overland transport

ADR/RID : Not classified as dangerous in the meaning of transport regulations.  
Class : Not applicable

##### 14.3.2. Inland waterway transport (ADN)

ADN : Not classified as dangerous in the meaning of transport regulations.

##### 14.3.3. Transport by sea

IMDG : Not classified as dangerous in the meaning of transport regulations.  
Class : Not applicable

##### 14.3.4. Air transport

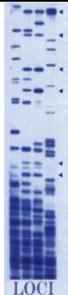
ICAO/IATA : Not classified as dangerous in the meaning of transport regulations.  
Class : Not applicable

#### 14.4. Packing group

Packing group : NA

#### 14.5. Environmental hazards

Other information : Not applicable.

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#### **14.6 Special precautions for user**

Special precautions : Not applicable.

#### **14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Code: IBC : Not applicable.

### **SECTION 15: Regulatory information**

#### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

##### **15.1.1. EU-Regulations**

Restrictions on use : Not applicable

This product contains an ingredient according to the candidate list of Annex XIV of the REACH Regulation 1907/2006/EC.

: Not applicable

Authorisations

: Not applicable

##### **15.1.2. National regulations**

DE : Technische Regeln für Gefahrstoffe (TRGS)

: not applicable

NL : ABM

: 12 - Weinig schadelijk voor in het water levende organismen; stof komt van nature in oppervlaktewater voor (b)

#### **15.2. Chemical safety assessment**

Chemical Safety Assessment : Not applicable

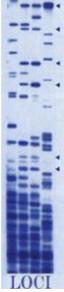
### **SECTION 16: Other information**

Sources of key data used to compile the Safety Data Sheet : European Chemicals Bureau

Safety datasheet sections which have been updated: : 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16

Abbreviations and acronyms

: ABM = Algemene beoordelingsmethodiek  
 ADN = Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin  
 ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route  
 CLP = Classification, Labelling and Packaging Regulation according to 1272/2008/EC  
 IATA = International Air Transport Association  
 IMDG = International Maritime Dangerous Goods Code  
 LEL = Lower Explosive Limit/Lower Explosion Limit  
 UEL = Upper Explosive Limit/Upper Explosive Limit  
 REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals  
 vPvB = very persistent and very bioaccumulating  
 PBT = persistent, bioaccumulating and toxic (PBT).

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and EEC Commission Regulation 1907/2006/EC (REACH) Annex II.

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