

Safety Data Sheet

Date of Print:

according to 1907/2006/EC, Article 31

Version: 1.0

SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Identifier**
Substance name: SupraNano Fluorescent Red Latent Fingerprint Suspension
Product no.: 03FRD250
- 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against**
Relevant identified uses: Professional Uses [SU 22]; Law enforcement/forensic applications.
 [PC0] Other; Fingerprint development
Uses advised against: No further relevant information available
- 1.3 Details of Supplier of Safety Data Sheet**
Manufacturer: SceneSafe Ltd
Address: Midas House
 8&9 Burnham Business Park
 Springfield Road
 Burnham-on-Crouch, Essex
 CM0 8TE, United Kingdom
www.scenesafe.co.uk
- 1.4 Emergency Telephone Number**
Telephone number: +44 (0) 1621 786654 (Languages: English)
Opening hours: Monday – Friday, 0900 - 1700

SECTION 2: Hazards Identification

- 2.1 Classification of the Substance or Mixture**
2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]:
 This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.
- 2.2 Labelling according to Regulation (EC) No 1272/2008 [CLP]:**
 The product does not need to be labelled in accordance with EC directives or respective national laws.
- 2.3 Other Hazards**
 No further information available.
- Precautionary Statements:**
- | | |
|----------------|---|
| P264 | Wash hands thoroughly after handling |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. |
| P337+P313 | IF eye irritation persists: Get medical advice/attention |

SECTION 3: Composition/Information on Ingredients

- 3.2 Mixtures**
Description of Mixture: None of the components of this mixture meet the criteria for classification and therefore are not disclosed.

SECTION 4: First Aid Measures

- 4.1 Description of First Aid Measures**
Following inhalation: Unlikely source of entry. Remove victim to fresh air. Seek medical attention if needed.
Following skin contact: Wash off with soap and plenty of water. Consult a doctor if irritation occurs.
Following eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor if irritation persists.
Following ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a doctor.
- 4.2 Most Important Symptoms and Effects, Both Acute and Delayed**
If ingested: Irritating if swallowed; there may be soreness and redness of the mouth and throat.
If inhaled: Inhalation can cause irritation to respiratory system.
If contact with skin: Mild irritation at site of contact
If contact with eyes: Mild irritation and redness

SECTION 5: Firefighting Measures

5.1	<u>Extinguishing Media</u> Suitable extinguishing media:	Use fire-fighting measures that suit the environment.
	For safety reasons unsuitable extinguishing agents:	Not applicable
5.2	<u>Special Hazards Arising from the Substance or Mixture</u> If this product is involved in a fire, the following can be released:	Carbon oxides
5.3	<u>Advice for Firefighters</u> Protective equipment:	Wear self-contained breathing apparatus for fire fighting.
	Hazardous combustion products/special hazards:	Non-combustible. In combustion may generate hazardous fumes.

SECTION 6: Accidental Release Measures

6.1	<u>Personal Precautions, Protective Equipment and Emergency Procedures</u> Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation
6.2	<u>Environmental Precautions</u> Do not allow material to be released to the environment without proper government permits. Do not allow product to reach sewage system or water bodies. Do not allow to enter the ground/soil.
6.3	<u>Methods and Material for Containment and Cleaning Up</u> Use absorbent material to pick up the product and discard in disposal container.
6.4	<u>Reference to Other Sections</u> See section 7 for information on safe handling See section 8 for information on personal protection equipment See section 13 for information on disposal.

SECTION 7: Handling and Storage

7.1	<u>Precautions for Safe Handling</u> Keep containers tightly sealed. Store in a cool, dry place in tightly closed containers. Ensure good ventilation/exhaustion at the workplace. Minimise release of the mixture into the environment.
7.2	<u>Conditions for Safe Storage, Including any Incompatibilities</u> Store in a cool, well-ventilated location. Keep away from oxidising agents. Keep container tightly closed until in use.
7.3	<u>Specific End Use(s)</u> The intended used of the product is for the visualisation of latent fingermarks only. The suspension should be sprayed onto marks and excess product washed away using deionised water. See section 13 for information regarding disposal.
7.4	<u>Reference to Other Sections:</u> See section 13 for information on disposal.

SECTION 8: Exposure Controls/Personal Protection

8.1	<u>Control Parameters</u>	Not required.
8.2	<u>Exposure Controls</u> Personal Protective Equipment General protective and hygienic measures:	The usual precautionary measures should be adhered to in handling chemicals. Keep away from foodstuffs, beverages and food. Instantly remove any impregnated garments. Wash hands during breaks and at the end of work. Avoid contact with eyes and skin. Handle in accordance with good industrial hygiene and safety practice by using adequate ventilation and personal protection as needed. Maintain an ergonomically appropriate working condition.
	Breathing equipment:	Not required in unconfined or well-ventilated areas. Use NIOSH or EU EN149 standard approved respirators for areas where general ventilation is not possible.
	Protection of hands:	Check protective gloves prior to each use for their proper condition. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Material of gloves:	Impervious gloves
Penetration time of glove material:	Not determined.
Eye protection:	Safety glasses or splash goggles are advised to be worn while handling.
Body protection:	Protective work clothing.

SECTION 9: Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

General Information

Appearance:

Form: Liquid suspension

Colour: Fluorescent Red

Smell: Not determined

Odour threshold: Not determined

pH-value: Not applicable

Change in condition

Melting point/range: 0 °C

Boiling point/range: 100 °C

Sublimation temperature/start: Not determined

Inflammability (solid, gaseous)

Ignition temperature: Not determined

Decomposition temperature: Not determined

Self-inflammability: Not determined

Danger of explosion

Critical values for explosion:

Lower: Not determined

Upper: Not determined

Steam pressure: Not applicable

Density at 20 °C Not determined

Settled apparent density at 20 °C: Not determined

Relative density: Not determined

Vapour density: Not applicable

Evaporation rate: Not applicable

Solubility in / Miscibility with water: 0.90% in water

Partition coefficient (n-octanol/water)

Viscosity:

Dynamic: Not applicable

Kinematic: Not applicable

9.2 Other Information: No further relevant information available

SECTION 10: Stability and Reactivity

10.1 <u>Reactivity</u>	No information known
10.2 <u>Chemical Stability</u>	Stable under recommended storage conditions
Thermal Decomposition/conditions to avoid:	No decomposition if used and stored according to specifications.
10.3 <u>Possibility of Hazardous Reactions</u>	Reacts with strong oxidising agents and strong acids
10.4 <u>Conditions to Avoid</u>	High temperatures.
10.5 <u>Incompatible Materials</u>	Strong oxidising agents and strong acids.
10.6 <u>Hazardous Decomposition Products</u>	No data available.

SECTION 11: Toxicological Information

11.1 Information on Toxicological Effects

11.1.1 Acute toxicity:

This product contains no hazardous ingredients according to Regulation (EC) No 1272/2008 [CLP].

Skin irritation or corrosion: May cause mild irritation at site of contact

Eye irritation or corrosion May cause irritation and redness

Sensitization: No effects known.

Germ cell mutagenicity: No effects known.

Carcinogenicity: No component of this product at levels greater than or equal to 0.1 %

Reproductive toxicity:	is identified as probably, possible or confirmed carcinogen by IARC.
Specific organ system toxicity	No effects
Repeated exposure:	No effects known.
Single exposure:	May cause respiratory irritation.
Aspiration hazard:	No effects known
Other information (experimental toxicity):	No further information.
Additional toxicological information:	The acute and chronic toxicity of this substance is not fully known.

SECTION 12: Ecological Information

12.1	<u>Toxicity</u>	
	Aquatic toxicity:	No further relevant information available
12.2	<u>Persistence and Degradability:</u>	No further relevant information available
12.3	<u>Bioaccumulative Potential:</u>	No further relevant information available
12.4	<u>Mobility in Soil:</u>	No further relevant information available
	Additional ecological information:	None available.
12.5	<u>Results of PBT and vPvB Assessment</u>	
	PBT:	Not applicable
	vPvB:	Not applicable
12.6	<u>Other Adverse Effects:</u>	No further relevant information available.

SECTION 13: Disposal Considerations

13.1	<u>Waste Treatment Methods</u>	
	Recommendation:	Hand over to disposers of hazardous waste. Must be treated under adherence to official regulations. Consult state, local or national regulations for proper disposal of used and unused product.
	Packaging:	Disposal must be in line with official regulations.

SECTION 14: Transport Information

14.1	<u>UN Number:</u>	Not applicable
14.2	<u>UN Proper Shipping Name:</u>	Not applicable
14.3	<u>Transport Hazard Class(es):</u>	Not applicable
14.4	<u>Packing Group</u>	Not applicable
14.5	<u>Environmental Hazards:</u>	Not applicable
14.6	<u>Special Precautions for User:</u>	Not applicable
14.7	<u>Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code:</u>	Not applicable

SECTION 15: Regulatory Information

15.1	<u>Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture</u>	No data available
15.2	<u>Chemical Safety Assessment</u>	No Chemical Safety Assessment has been carried out for this mixture by the supplier.

SECTION 16: Other Information

16.1	<u>Disclaimer:</u>	The above information is believed to be correct, however it does not proclaim to be all-inclusive and shall be used only as a guide. SceneSafe Ltd shall not be held liable for any damage from handling or contact with the above product. Independent judgement of the suitability of this product should be exercised in supplement to this information to ensure proper use and protect the health and safety of employees.	
(i)	Abbreviations and acronyms:	GHS:	Globally Harmonized System of Classification and Labelling of Chemicals
		CAS:	Chemical Abstracts Service (division of the American Chemical Society)

This SDS has been compiled and is solely intended for this product.