

# MATERIAL SAFETY DATA SHEET

according to 91/155/EEC



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## Safety Data Sheet

according to 1907/2006/EC, Article 31

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### 1 Identification of the substance/preparation and of the company/undertaking

#### • Product details

- **Trade name:** S4 SUBLI RED 770
- **Article number:** 638770W
- **Intended use :** Ink-jet ink for transfer printing

#### • Manufacturer/Supplier:

Sensient Imaging Technologies S.A.  
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### 2 Hazards identification

- **Hazard description:** Not applicable.
- **Information concerning particular hazards for human and environment:**  
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**  
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

### 3 Composition/information on ingredients

#### • Dangerous components:

CAS: 56-81-5	glycerol	10-25%
EINECS: 200-289-5		

### 4 First-aid measures

#### • General information:

No special measures required.

In all cases of doubt, when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

#### • After inhalation:

No adverse effect anticipated by this route of exposure. If symptoms show up, remove to fresh air.

#### • After skin contact:

Do not use solvents or thinners.

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Remove contaminated clothing.  
Immediately wash with water and soap and rinse thoroughly.

- **After eye contact:**  
Flush eyes thoroughly with water for 15 minutes. Seek medical attention if irritation persists.
- **After swallowing:**  
Keep at rest.  
Do not induce vomiting; call for medical help immediately.

### 5 Fire-fighting measures

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Unsuitable extinguishing agents:** Water with full jet
- **Special hazards caused by the substance, its products of combustion or resulting gases:**  
Formation of toxic gases is possible during heating or in case of fire.
- **Protective equipment:** Mount respiratory protective device.
- **Additional information**  
Collect contaminated fire fighting water separately. It must not enter the sewage system.  
Cool endangered receptacles with water spray.

### 6 Accidental release measures

- **Person-related safety precautions:** Ensure adequate ventilation
- **Measures for environmental protection:**  
Do not allow to enter sewers/ surface or ground water.  
Inform respective authorities in case of seepage into water course or sewage system.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, sawdust).  
Send for recovery or disposal in suitable containers.  
Dispose contaminated material as waste according to item 13.  
Avoid use of solvents.

### 7 Handling and storage

- **Handling:**
  - **Information for safe handling:** No special measures required.
  - **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
  - **Requirements to be met by storerooms and receptacles:**  
Ideal storage temperature: 10 - 30°C.  
Store in a cool location.  
Use only containers specifically designed for this substance/product.
  - **Further information about storage conditions:**  
Store in cool, dry conditions in well sealed containers.  
Protect from heat and direct sunlight.

### 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

- **Ingredients with limit values that require monitoring at the workplace:**

56-81-5 glycerol

OES | Long-term value: 10 mg/m<sup>3</sup>

- **Personal protective equipment:**
  - **General protective and hygienic measures:**  
Wash hands before breaks and at the end of work.  
Do not eat or drink while working.

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The usual precautionary measures are to be adhered to when handling chemicals.

- **Respiratory protection:** Not required.
- **Protection of hands:**



Protective gloves

- **Eye protection:**



Safety glasses

- **Body protection:** Protective work clothing

## 9 Physical and chemical properties

### • General Information

- **Form:** Liquid
- **Colour:** Red
- **Odour:** Weak

### • Change in condition

- **Melting point/Melting range:** Not applicable
- **Boiling point/Boiling range:** 100°C

- **Flash point:** > 100°C

- **Ignition temperature:** > 350°C

- **Danger of explosion:** Product does not present an explosion hazard.

### • Explosion limits:

- **Lower:** Not applicable
- **Upper:** Not applicable

- **Vapour pressure at 20°C:** 23 hPa

- **Density at 20°C:** 1.1 g/cm<sup>3</sup>

### • Solubility in / Miscibility with

- **water:** Miscible

- **pH-value at 20°C:** 8

### • Viscosity:

- **Viscosity at 20°C:** 3 mPas

## 10 Stability and reactivity

### • Thermal decomposition / conditions to be avoided:

Stable under recommended storage and handling conditions.

- **Materials to be avoided:** Strong oxidizers.

- **Dangerous reactions** No dangerous reactions known if used according to specifications.

### • Dangerous decomposition products:

In case of fire, carbon and nitrogen oxides are the main combustion gases.

## 11 Toxicological information

### • General notes:

There is no experimentally determined data available on the preparation itself.

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**Trade name: S4 SUBLI RED 770**

*The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.*

### 12 Ecological information

- **General notes:**  
*At present there are no ecotoxicological assessments.  
Do not allow product to reach ground water, water course or sewage system.*

### 13 Disposal considerations

- **Product:**
  - **Recommendation** *Waste material must be disposed of in accordance with local regulations.*
- **Uncleaned packaging:**
  - **Recommendation:**  
*Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.  
Packagings that may not be cleaned are to be disposed of in the same manner as the product.*

### 14 Transport information

- **Land transport ADR/RID (cross-border)**
  - **ADR/RID class:** -
- **Maritime transport IMDG:**
  - **IMDG Class:** -
  - **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
  - **ICAO/IATA Class:** -

### 15 Regulatory information

- **Labelling according to EU guidelines:**  
*Observe the general safety regulations when handling chemicals.  
The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EU" as issued in the latest valid version.*

### 16 Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*