

# MATERIAL SAFETY DATA SHEET

according to 91/155/EEC



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## Safety Data Sheet

according to 1907/2006/EC, Article 31

Page 1/4

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

#### • Product details

- **Trade name:** S4 SUBLI BLACK 795
- **Article number:** 678795W
- **Intended use :** Ink-jet ink for transfer printing

#### • Manufacturer/Supplier:

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- **Information in case of emergency:** K.Friedrich / Kirstin.Friedrich@eu.sensient-tech.com

### 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:

Remove contaminated clothing.

(Contd. on page 2)

**Trade name: S4 SUBLI BLACK 795**

*Immediately wash with water and soap and rinse thoroughly.*

*Do not use solvents or thinners.*

• **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**

*Cool endangered receptacles with water spray.*

*Collect contaminated fire fighting water separately. It must not enter the sewage system.*

### 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:**

*Store in a cool location.*

*Ideal storage temperature: 10 - 30°C.*

*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.*

(Contd. on page 3)

Trade name: S4 SUBLI BLACK 795

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:** Black
- **Odour:** Weak

### • Change in condition

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

- **Flash point:** > 100°C

- **Ignition temperature:** > 400°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:** 4 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.

(Contd. on page 4)

**Trade name: S4 SUBLI BLACK 795**

*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.*