

# 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 BLUE 770
- **Article number:** 648770W
- **Intended use :** Ink-jet ink for transfer printing

#### • Manufacturer/Supplier:

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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:** Blue
- **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:** 2 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 BLUE 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.*