

# Safety Data Sheet

(According to 2006/1907/EC)

## 1. Identification of the Substance/Preparation/Company

### Product details

**Trade name:** fineliner Ink / FI-R Red

**Product type:** \_

### Manufacturer /Supplier:

Shanghai University Special Ink R&D Department

No.149 Yanchang Road.Shanghai,China

Phone :86-21-56331532

Fax: 86-21-56381955

www.inksh.com

### Further information obtainable from:

Technical service , Rosebort

TEL.:86-021-56331532

Mobile : 86-13761677741

### Information in case of emergency:

TEL.:86-13761677741

## 2. Hazards identification

The preparation isn't classified hazardous according European regulation

- Emergency overview

Caution! May be harmful if swallowed or inhaled. May cause irritation of skin, eyes, respiratory organs or gastrointestinal organs.

- Primary routes of exposure

: Eye contact / Skin contact / Inhalation / Ingestion

### 3. Composition /information on ingredients

#### Chemical characterization

Mixture of the following substances

**Description :** Mixture of substances listed below with nonhazardous additions

Components:				
EINECS/ELINCS	CAS	Common Name	Classification	Conc
—	7732-18-5	WATER	Non-dangerous	69%
—	56-81-5	GLYCEROL	Non-dangerous	25%
—	4321-69-1	ACID RED 3B	Non-dangerous	6%

**Additional information :** For the wording of the listed risk phrases refer to section 16.

### 4. First –aid measures

**Inhalation:** Move the affected person away from the contaminated area and into the fresh air

**Skin contact:** Immediately wash and rinse with plenty of water

**Eye contact:** Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 min. minimum) Always refer to an eye specialist, even if there are no mediate symptoms.

**Ingestion:** Never attempt to induce vomiting . Call a doctor immediately

### 5. Fire –fighting measures

**Suitable extinguishing media:** Carbon dioxide (CO2). Foam. Powders

**Not suitable extinguishing media:** None to our knowledge. If there is a fire close by using suitable extinguishing agents

**Specific hazards:** During combustion:, toxic vapors may be released if product is heated to dryness.

**Specific fire fighting methods:** Do not attempt to fight the fire without suitable protective equipment may intervene

**Protection of fire-fighters:** Self-contained breathing apparatus Complete protective clothing

### 6. Accidental release measure

**Personal precautions:** Avoid contact with skin and eyes .Do not breathe vapour; Do not smoking..

**Environmental precautions:** Do not discharge into drains and rivers

**Methods for cleaning up:**

**Neutralization:** Absorb spillage with: inert absorbent material earth or sand

**Cleaning/decontamination:** Wash non-recoverable remainder with large amounts of water

**Disposal:** Dispose of contaminated materials in accordance with current regulations

## 7. Handling and storage

### HANDLING

**Technical measures:** Vapour extraction at source . Material and equipment suitable for use with Strongly colored water based liquids.

**Precautions:** Avoid any direct contact with the product . Work in a well-ventilated area .Smoking is forbidden .Avoid the build-up of electrostatic charge

### STORAGE

**Technical measures:** The floor of the depot must be impermeable, noncombustible and designed to form a basin, in order that stored liquids should not, under any circumstances, be released outside

**Storage conditions:**

**Recommended:** Store: in a cool, well-ventilated area, the container tightly closed away from any source of ignition

**Incompatible materials:** Strong oxidizing agents

**Packaging materials:**

**Not suitable:** Can cause some metals to rust

## 8. Exposure controls / personal protection

**Engineering measures:** Ensure good ventilation of the work station .Extraction to remove vapours at their source

**Occupational exposure limits:**

**France:** Ethylene Glycol

**Personal protective equipment:**

**Respiratory protection:** In the event of insufficient ventilation:.,Suitable breathing apparatus

**Hand protection:** Impermeable protective gloves

**Eye protection:** Safety spectacles

**Skin and body protection:** Suitable clothing

**Collective emergency equipment:** Eye fountain .Safety shower

**Hygiene measures:** Do not drink, eat or smoke in the workplace

## 9. Physical and chemical properties

<b>General Information</b>
<b>Form :</b> Fluid <b>Colour :</b> Red <b>Odour :</b> watery slightly
<b>Ignition temperature :</b> 287 °C
<b>Self-igniting :</b> Not determined
<b>Danger of explosion :</b> product does not present an explosion hazard
<b>PH:</b> 7.0-8.3
<b>Vapour density (air=1):</b> greater than 1
<b>Solubility</b> <b>in water :</b> Miscible (in all proportions) <b>in organic solvents:</b> Miscible (in all proportions) with: glycerol

## 10. Stability and reactivity

**Stability:** Stable at ambient temperature and under normal conditions of use

**Hazardous reactions:**

**Conditions to avoid:** May ignite on heating to dryness when all water is evaporated

**Materials to avoid:** Strong oxidizing agents

**Hazardous decomposition**

**products:** On combustion or on thermal decomposition

(pyrolysis) releases: Carbon oxides (CO, CO<sub>2</sub>)

## 11. Toxicological information

**Acute toxicity:** Vapours may cause drowsiness and dizziness

**Acute symptoms:** On ingestion: Nausea., Vomiting., Central Nervous, System depressant ,  
On inhalation: Dizziness, Headaches

**Local effects:** At high concentrations, the vapours can be irritating to the eyes, nose and throat .Repeated or prolonged contact may cause slight irritation to the skin,

**Eye contact:** May cause severe ocular lesions

**Further information:** Above information is for the ink. The ink will be contained in the fibrous reservoir of a small capacity marker containing 3 grams or less which will limit considerably the exposure possibilities for the user.

## 12. Ecological information

**ECOTOXICITY:** Effects on the aquatic environment: Ethylene Glycol  
May cause adverse effects to the aquatic environment

## 13. Disposal considerations

### WASTE FROM PRODUCT:

**Destruction/Disposal:** Dispose of in accordance with relevant local regulations

### CONTAMINATED PACKAGING:

**Destruction/disposal:** Destroy at an authorized site

**NOTE:** The user's attention is drawn to the possible existence of specific European, national or  
Local regulations regarding disposal

## 14. Transport information

**International regulations:** Not regulated

## 15. Regulatory information

The product is not classified in accordance with European Regulation on hazardous substance: Directive 67/548/CE 30<sup>ème</sup> adaptation and on hazardous preparations: Directive 2006/8/CE

National prescriptions:

France: Maladies professionnelles (tableaux (x) n° 84) concern

**NOTE:** The regulatory information given above only indicate the principal regulations specifically applicable to the product described in the MSDS

## 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.