

EPSON**Safety data sheet**

SC 311

S020122

25 April, 1997

1. Identification of the product and of the company/undertaking**1.1. Identification of the product :**

Dye-base Ink Yellow

1.2. Company/undertaking identification :

Company name :

Address :

Phone :

Fax :

Contact person :

2. Composition/information on ingredients

Ingredients : **Company Secret**
(Mixture : water-soluble ink)

3. Hazards identification

No hazardous classification

4. First-aid measures

| | |
|-------------|------------------------------|
| Swallowed : | No required. |
| Eye : | Flush thoroughly with water. |
| Skin : | Wash with soap and water. |
| Inhaled : | No required. |

5. Fire-fighting measures

| | |
|--------------------------------|-------------------------------|
| Flammability : | None |
| Suitable extinguishing media : | Dry chemical, carbon dioxide. |

6. Accidental release measures

If the ink spilt, use sponge to wipe up the ink.
Place it in closed container for property disposal.

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7. Handling and storage**7.1. Handling**

None required when used as intended in EPSON equipment.
Do not dismantle the cartridge.

7.2. Storage

None required when used as intended in EPSON equipment.

8. Exposure controls/personal protection

Exposure standards : None
Engineering controls : Not applicable
Personal protection : None required when used as intended in EPSON equipment.

9. Physical and chemical properties

| | | |
|-------------------------|--------------------|-------------------------------|
| Appearance : | Yellow liquid | |
| Odor : | No odor | |
| pH : | Approximately 9~10 | at room temperature |
| Boiling point : | No data available | |
| Melting point : | No data available | |
| Flashing point : | Over 110°C | in accordance with ASTM D3278 |
| Autoflammability : | None | |
| Explosive properties : | None | |
| Oxidizing properties : | None | |
| Vapor pressure : | No data available | |
| Relative density : | 1.07 | at 20°C |
| Solubility in water : | ∞ | |
| Solubility in fat : | No data available | |
| Partition coefficient : | No data available | |
| Viscosity : | less than 5 mPa·s | at 20°C |

10. Stability and reactivity

| | |
|------------------------------------|----------------|
| Stability : | Stable |
| Hazardous polymerization : | Will not occur |
| Hazardous decomposition products : | None |

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11. Toxicological information

*Based on toxicology data of chemically similar material.

Acute toxicity :

Oral LD₅₀ : > 5g/kg (Rats)*Dermal LD₅₀ : No data availableInhalant LC₅₀ : No data available

Irritation :

Skin : Non-irritating (Rabbits)*

Eye : Non-irritating (Rabbits)*

Sensitization : Non-sensitizing*

Carcinogenicity : None (Not listed in NTP, IARC Monographs, OSHA
Regulated, MAK list and Annex I of 67/548/EEC)

Mutagenicity : None (by Ames test)*

12. Ecological information

No data available

13. Disposal considerations

Dispose of in accordance with federal, state and local regulations.

14. Transport information

No hazardous classification

15. Regulatory information**16. Other information**

Recommended uses :

Ink for EPSON ink-jet printers

Restrictions :

Information on this data sheet represents our current data and the best opinion as to the proper use in handling of this product under normal conditions specified in our User's Manual. However, neither Seiko Epson Corporation nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we do not guarantee that these are the only hazards that exist.