



## Product Information Sheet

### 1. Article and Corporate Identification

**Product:** Epson Ink Cartridge T0322

Distributor: EPSON AUSTRALIA PTY. LTD.,  
A.B.N. 91 002 625 783  
3 Talavera Road  
NORTH RYDE. NSW 2113  
Tel (02) 8899 3666  
**Contact:** Customer Satisfaction Manager

EPSON NZ Ltd  
Level 4, Epson House  
245 Hobson Street  
AUCKLAND. 1001  
Tel (09) 366 6855  
**Contact:** National Technical Manager

**Medical Emergency Number:**

### 2. Composition Information

*This is an aqueous ink formulation*

Ink Composition	CAS No.	% By Weight
Proprietary dyes and pigments	-	< 5 %
Proprietary organic materials	-	10 - 15 %
Glycerols	-	15 - 20 %
Ethylene glycol	107-21-1	< 5 %
Water	7732-18-5	balance

### 3. Hazard Identification

Not classified as hazardous preparation under EU Directive 1999/45/EC.

**3.1 Emergency Overview:** Ink component is a colored liquid that may cause eye irritation. Avoid contact with eyes or clothing. In the case of skin contact, wash with soap and water. Keep out of reach of children.

**3.2 Potential Health Effects:**

**Eyes:** Ink contact with eye may be mildly irritating. See Section 11 for Toxicology.

**Skin:** Ink contact with skin may cause irritation, swelling, or redness. It is not expected to cause an allergic skin reaction. See Section 11 for Toxicology.

**Inhalation:** Intentional exposure to ink vapors may cause respiratory irritation. See Section 11 for Toxicology.

**Ingestion:** May cause upset stomach, See Section 11 for Toxicology.

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## 4. First Aid Measures

- 4.1 *Eyes:* Immediately flush with room temperature, low pressure, clean water for at least 15 minutes. Seek medical attention if eye irritation continues.
- 4.2 *Skin:* Wash surface areas with soap and water. Wash soiled clothing before rewearing. Consult a physician if irritation continues.
- 4.3 *Inhalation:* Remove subject to ventilated fresh air. Consult physician if necessary.
- 4.4 *Ingestion:* Seek medical advice, and attention if stomach continues to be upset.

## 5. Fire Fighting Measures

- 5.1 *Flammability:* Not flammable
- 5.2 *Extinguishing Media:* Dry chemical or carbon dioxide
- 5.3 *Fire Fighting Instructions:* No special fire fighting procedures are required other than breathing apparatus. No special explosion hazards are known.

## 6. Accidental Release Measures

If a spill occurs, use sponges to wipe-up ink, then rinse area with damp cloth. Place waste in closed container for disposal. Use proper ventilation. Do not dispose of waste to the sewer. No eye or skin protection required during clean-up. Wash hands with soap and water.

## 7. Precautions for Safe Handling and Use

Keep out of reach of children and do not drink ink. Do not store the cartridge in high or freezing temperatures. Keep cartridge out of direct sunlight. Do not dismantle cartridge. Do not store cartridges with oxidizing agents or explosives. Make sure cartridge is dry before insertion into printer housing.

## 8. Exposure Controls and Personal Protection

- 8.1 *Engineering Controls:* None required
- 8.2 *Exposure Controls:* None required
- 8.3 *Personal Protection:* None required when cartridges are used as intended

## 9. Physical and Chemical Properties of Ink Formulation

<i>Appearance:</i>	Cyan Liquid
<i>Odor:</i>	None
<i>pH:</i>	8.5~10.5 at 20 °C / 68 °F
<i>Boiling point:</i>	No data available
<i>Melting point:</i>	No data available
<i>Flash point:</i>	No data available
<i>Autoflammability:</i>	None
<i>Explosive properties:</i>	None

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<i>Oxidizing properties:</i>	None
<i>Vapor density:</i>	No data available
<i>Relative density:</i>	1.07 at 20 °C / 68 °F
<i>Solubility in water:</i>	Complete
<i>Solubility in fat:</i>	No data available
<i>Partition coefficient:</i>	No data available
<i>Viscosity:</i>	Less than 5 mPa·s

## 10. Stability and Reactivity

<i>Stability:</i>	Stable
<i>Hazardous polymerization:</i>	Will not occur
<i>Hazardous decomposition products:</i>	None
<i>Incompatible materials:</i>	Oxidizers and explosives

## 11. Toxicology and Health Hazards

\*Based on toxicology data of chemically similar material

*Routes Of Overexposure:* Eye, skin, inhalation, and oral

*Acute Health Hazards:*

- Overexposure of eye surface to ink may be mildly irritating
- Overexposure of skin to ink contact may cause irritation and in some people swelling and redness
- Intentional inhalation overexposure to ink vapors may result in respiratory tract irritation
- Intentional or accidental oral ingestion may cause an upset stomach

*Chronic Health Hazards:* None known

*Mutagenicity:* Negative (by Ames Test)\*

*Carcinogenicity:* Not contain any substances listed in IARC Monographs (1,2A and 2B)

<i>Toxicity Data:</i>	Oral LD <sub>50</sub>	Dermal LD <sub>50</sub>	Inhalant LC <sub>50</sub>
	> 2500mg/kg (Rats)*	> 2000mg/kg (Rats)*	Not Applicable

*Eye irritating:* Minimal irritating (Rabbits, OECD 405)\*

*Skin irritating:* Non irritating (Rabbits, OECD 404)\*

*Sensitization:* Non-sensitizing (Guinea Pig, OECD 406)\*

## 12. Ecological Information

No data available on the adverse effects of this material on the environment

## 13. Disposal Considerations

Disposal should be in accordance with national and local requirements.

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## 14. Transportation Information

UN Class/UN Number: Not applicable  
DOT, IMO, or IATA: Not hazardous classification

## 15. Regulatory Considerations

Cartridges are outside the scope of EU Directive 1999/45/EC.

## 16. Other Information

*This "Product Information Sheet" contains health, safety, and environmental information. It does not replace any precautionary language or use and disposal information which accompanies the product. The information contained herein is believed to be accurate at the time of preparation, but should only be used as a guide. It is subject to revision from time to time. EPSON does not warrant the completeness or accuracy of the information contained herein.*

*In consideration of our environment and world neighbors, all genuine EPSON ink cartridges are engineered and based on an "Ecologically Friendly" water based technology. EPSON ink cartridges contain no CFCs or harsh liquid solvents.*