

---

---

## Safety Data Sheet

---

---

### 1. Product and company identification

Description	: INK CARTRIDGE LOTUS COLOR
	: INK CARTRIDGE JUNO COLOR
Part numbers	: SJFDT2XXA
	: SJFHT3XXA
	: SJFJT3XXA
	: SJFJT4XXA
	: SJFJT6XXA
	: XJKNT4JPA
	: SJKNT4JPA
	: SJFHT4XXA
Recommended Use	: Ink for Ink Jet Printer
Manufacturer	: FUNAI ELECTRIC CO., LTD.
Address	: 7-7-1, Nakagaito, Daito, Osaka 574-0013, Japan
Tel	: +81-72-870-4459
Information about the product	: Product Environmental Office
Fax	: +81-72-870-5817
e-mail	: funai_green@funai.co.jp
Emergency phone number	For Hazardous Materials Incident Spill, Leak, Fire, Exposure, or Accident +1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

---

---

### 2. Hazards identification

Classification under OSHA HCS	: Not classified
Label element	
Hazard symbol	: None
Signal word	: None
Hazard statements	: None
Precautionary statements	: Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
Other hazards which do not result in classification	: None

## Safety Data Sheet

### 3. Composition/information on ingredients

Substance/Mixture: Mixture

●Cyan Ink

Name	%	CAS No.	OSHA PEL	ACGIH TLV
Water	60-80	7732-18-5	None	None
1,3-Propanediol	<15	504-63-2	None	None
1-(2-Hydroxyethyl)-2-pyrrolidone	<10	3445-11-2	None	None
Pigment	2-5	Trade secret	None	None

●Magenta Ink

Name	%	CAS No.	OSHA PEL	ACGIH TLV
Water	60-80	7732-18-5	None	None
1,3-Propanediol	<15	504-63-2	None	None
1-(2-Hydroxyethyl)-2-pyrrolidone	<10	3445-11-2	None	None
Pigment	3-6	Trade secret	None	None

●Yellow Ink

Name	%	CAS No.	OSHA PEL	ACGIH TLV
Water	60-80	7732-18-5	None	None
1,3-Propanediol	<15	504-63-2	None	None
1-(2-Hydroxyethyl)-2-pyrrolidone	<10	3445-11-2	None	None
Pigment	2-5	Trade secret	None	None

### 4. First-aid measures

Description of first aid measures

- Inhalation : If symptoms, such as shortness of breath or persistent coughing are experienced, remove source of contamination and move individual to fresh air. If symptoms persist, seek medical attention.
- Skin contact : Wash with soap and water. Should irritation occur, seek medical attention. Should irritation occur, seek medical attention.
- Eye contact : Do not rub eyes. Flush immediately with plenty of water. Remove contact lenses and continue flushing for at least 15 minutes. If irritation develops and persists, seek medical attention.

## Safety Data Sheet

Ingestion : Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

### Most important symptoms and effects, both acute and delayed

Inhalation : None under normal use.  
Skin contact : None under normal use.  
Eye contact : None under normal use. May cause slight irritation.  
Ingestion : None under normal use.  
Chronic Effects : None under normal use.

### Indication of any immediate attention and special treatment needed

: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

No specific treatment.

## **5. Fire-fighting measures**

Flash point : > 200°C  
Auto-ignition temperature : None known.  
Flammable limits : None known.  
Extinguishing media  
    Suitable media : Use an extinguishing agent suitable for the surrounding fire.  
    Unsuitable media : None known.  
Hazardous combustion products : carbon dioxide, carbon monoxide, nitrogen oxides, Oxides of sulfur, Phosphorus oxides.  
Special exposure hazards : None known.  
Special protective equipment for fire-fighters : Fire fighters should wear full protective clothing, including self-contained breathing apparatus

---

---

## Safety Data Sheet

---

---

### 6. Accidental release measures

- Personal precautionary : Wear latex, vinyl, or nitrile gloves to prevent staining of skin.
- Environmental precautions : Unless specifically permitted for disposal, keep waste out of sewers, watersheds, and waterways. Disposal is subject to national, state, regional, or provincial regulations
- Procedure for cleaning/  
Absorption : Small spill : Absorb small spills with cloth or paper towels or other suitable material. Product waste and emptied containers should be disposed of in accordance with local waste regulations. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

---

### 7. Handling and storage

- Handling
- Storage : Keep from freezing.  
: Store in a cool, dry place. Store away from oxidizing material.

---

### 8. Exposure controls/personal protection

- Engineering controls : Local exhaust ventilation as necessary to maintain exposures to within applicable limits.
- Respiratory protection : Not required.
- Gloves : Latex, PVC, neoprene, or nitrile gloves are recommended to prevent staining of skin.
- Skin protection : Not required.
- Eyes : Safety glasses with side shields.

---

### 9. Physical and chemical properties

- Physical state : Liquid.
- Color : Cyan  
: Magenta  
: Yellow

## Safety Data Sheet

---

Odor	: Faint odor.
Odor threshold	: No data available
pH	: No data available
Melting Point	: No data available
Freezing point	: No data available
Initial boiling point	: No data available
Boiling range	: No data available
Flash point	: No data available
Evaporation rate	: No data available
Flammability(solid/gas)	: No data available
Upper/lower flammability	: No data available
Explosive limits	: No data available
Vapor pressure	: No data available
Vapor density	: No data available
Specific Gravity	: Approximately 1.0
Solubility	: Miscible in water
Partition coefficient	: No data available
Auto ignition temp	: No data available
Viscosity	: No data available
Oxidizing properties	: No data available

---

### 10. Stability and reactivity

Reactivity	: None
Chemical stability	: Stable
Possibility of Hazardous	: None
Reactions	
Conditions to avoid	: None known.
Incompatible materials	: None known
Hazardous decomposition products	: Carbon monoxide, carbon dioxide, unidentified organics.
Hazardous polymerization	: Will not occur.
Additional guidelines	: None.

---

### 11. Toxicological information

#### Information on toxicological effects

Acute toxicity	: No data available
----------------	---------------------

---

---

## Safety Data Sheet

---

---

Skin corrosion/irritation	: No data available.
Serious eye damage/eye irritation	: No data available
Sensitization	: No data available
Germ cell mutagenicity	: No data available
Carcinogenicity	: No data available
Reproductive toxicity	: No data available
Specific target organ toxicity – single exposure	: No data available
Specific target organ toxicity – repeated exposure	: No data available
Aspiration hazard	: No data available
Other information	: No data available

---

### 12. Ecological information

Ecotoxicity	: No data available
Persistence and degradability	: No data available
Bio accumulative potential	: No data available
Mobility in soil	: No data available
PBT and vPvB assessment	: No data available
Other information	: Decomposition products may include the following materials: carbon oxides (CO, CO <sub>2</sub> ). Some metallic oxides.

---

### 13. Disposal considerations

Waste disposal	: This product is not a listed hazardous waste in accordance with Federal Regulation 40 CFR Part 261. If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal whether a material has been contaminated and should be classified as a hazardous waste. Disposal is subject to local, state and federal regulations.
----------------	---

## Safety Data Sheet

---

---

### 14. Transport information

UN number	: Not applicable
Proper shipping name	: Not applicable
Transport hazard class	: Not applicable
Packing group	: Not applicable
Environmental hazards	: Not applicable
Special precautions	: Not applicable
Bulk transport Annex II of MARPOL 73/78 and IBC code	: Not applicable

---

### 15. Regulatory information

#### United States

TSCA (USA)	: All ingredients are listed on the Toxic Substances Control Act (TSCA) inventory, have been registered, or are exempt.
SARA / EPCRA (USA)	: None of the ingredients in this product has a final reportable quantity (RQ) under Emergency Planning and Community Right-to Know Act (EPCRA)- Section 302:Extremely Hazardous Substances (EHS) or notification requirements for EHS under Section 304.
California Proposition 65	: This product contains no known materials at levels which the State of California has found to cause cancer, birth defects or other reproductive harm – California Proposition 65.

#### International regulations lists

EINECS (Europe)	: All ingredients are listed on the European Inventory of Existing Commercial Substances (EINECS) list, have been registered on the European List of New Chemical Substances (ELINCS), or are exempt.
REACH Status	: EU (REACH): All components of the toner formulation are registered, pre-registered or exempt under REACH. Pre-registered chemicals will be registered between 2011 and 2018.
ENCS (Japan)	: All ingredients are listed on the Japanese Existing and New Chemical Substances (ENCS) list, have been registered, or are exempt.

---

---

## Safety Data Sheet

---

---

AICS (Australia)	: All ingredients are listed in Australian Inventory of Chemical Substances (AICS), have been registered, or are exempt.
Philippines inventory (PICCS)	: All ingredients are listed on the Philippines Inventory (PICCS) or are exempt.
DENR-EMB (Philippines)	: None of its ingredients is under the Chemical Control Orders (CCO) as regulated by DENR-EMB : None of the ingredients is an Ozone Depleting Substance (ODS) or Alternative to ODS as regulated or controlled by DENR-EMB : None of the ingredients is under the Priority Chemical List (PCL) as regulated by DENR-EMB
PDEA/DDB(Philippines)	: None of the ingredients is listed on the Controlled Precursor & Essential Chemical Substances (CPECS) regulated by PDEA/DDB
PNP-FEO (Philippines)	: None of the ingredients is listed under the Controlled Chemicals & Explosives Ingredients (CCEI) regulated by PNP-FEO
Korea inventory (KECI)	: All ingredients are listed on the Korean Existing Chemicals List (ECL), have been registered, or are exempt.
China inventory (IECSC)	: All ingredients are listed on the Chinese inventory (IECSC) or are exempt.
Canada	
WHMIS (Canada)	: Not controlled under WHMIS (Canada).
DSL/NDSL	: All ingredients are listed on the Canadian Domestic Substances List (DSL), have been registered on the Non-Domestic Substances List (NDSL), or are exempt.
Mexico Classification	: Health: 1 Flammability: 1 Reactivity: 0



---

---

## Safety Data Sheet

---

---

### 16. Other information

Revision comments	: No significant revisions to health and safety information.
References	: ANSI Z400.1, MSDS Standard, 2004. - Manufacturer's Material Safety Data Sheet. -29CFR Part1910.1200 OSHA MSDS Requirements. - 49CFR Table List of Hazardous Materials, UN#, Proper Shipping Names, PG. - Canada Gazette Part II, Vol. 122, No. 2. Registration SOR/88-64, 31 December 1987. Hazardous Products Act "Ingredient Disclosure List" – Canadian Transport of Dangerous Goods, Regulations and Schedules, Clear Language version 2005. - Official Mexican Standards NOM-018-STPS-2000 and NOM-004-SCT2-1994.

#### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user.

All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.