



Lanier Worldwide, Inc.

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MATERIAL SAFETY DATA SHEET

Section 1: Chemical Product and Company Information

Identity: Color Print Cartridge for 3120 Fax
Product ID: 491-0276

Synonyms & Common Names: Ink, Ink Cartridge, Print Cartridge

Uses: Lanier 3120, 3750 Fax

Chemical Formula: Liquid

MSDS No. **FX-062**

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Prepared by: **EH&S Department 770-493-9500**

Approved by: Larry Choskey, EHS Manager

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Section 2: Composition / Information on Ingredients

	PERCENT	CAS No.	EXPOSURE LIMITS	SOURCE
Water	75 - 85	7732-18-5	Not listed	n/a
Tetraethylene Glycol	6 - 12	112-60-7	Not listed	n/a
Trade Secret Ingredient (1)	4 - 9	Confidential	Not listed	N/a
Sodium Tetraborate Decahydrate	<1	1303-96-4	5 mg/m ³	ACGIH TLV
Trade secret Magenta dye (2)	1 - 3	Confidential	Not listed	N/a
Trade secret Blue dye (3)	1 - 3	Confidential	Not listed	N/a
Trade secret Yellow dye (4)	1 - 3	Confidential	Not listed	N/a

(1) New Jersey Trade Secret Registration no.: 80100451-5004p (2) New Jersey Trade Secret Registration no.: 80100451-5005p

(3) New Jersey Trade Secret Registration no.: 80100451-5006p (4) New Jersey Trade Secret Registration no.: 80100451-5007p

NOTE: Items (2), (3), (4) are found only in the corresponding colored ink.

Section 3: Hazards Identification

HMIS Rating:

FLAMMABILITY = 0

REACTIVITY = 0

HEALTH = 1

SPECIAL = none

Health Hazards

	Short Term Exposure	Long Term Exposure
Inhalation	Information on ink constituents indicates short-term harmful health effects are not expected from vapor generated during intended use at ambient conditions.	No adverse chronic effects known from vapor generated during intended use at ambient conditions.
Skin Contact	Tests on inks indicate low acute dermal toxicity. Tests indicate inks are not dermal sensitizers. Inks may be slightly irritating to skin.	No adverse chronic effects known.
Eye Contact	Tests on inks indicate slight conjunctival irritation.	No adverse chronic effects known.
Ingestion	Tests on inks indicate low acute oral toxicity. May cause GI discomfort.	No adverse chronic effects known.

Section 4: First Aid Measures

Inhalation:	Remove to fresh air if effects occur. Get medical attention if needed.	Eye Contact:	In case of contact, immediately flush eyes with water for 5 minutes. Get medical attention if needed.
Skin Contact:	Wash with soap and water.	Ingestion:	Dilute stomach contents with several glasses of water. Get medical attention.

Section 5: Fire Fighting Measures

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Suitable extinguishing media: CO₂, dry chemical, foam or water.
Extinguishing media which may not be used for safety reasons: none

This material will burn in case of fire. The decomposition products are CO, CO₂, and No_x. Avoid inhalation of smoke.
Special protective equipment for fire fighters: none

UEL: n/a LEL: n/a Flashpoint: >210 °F Autoignition temp: >600 °F

Section 6: Accidental Release Measures

Occupational spill: Use absorbent towel to wipe up ink. Rinse area with soap and water to remove remaining traces of ink. Under normal conditions (single cartridge spill) use of protective equipment is not required.

Section 7: Handling and Storage

Special Handling: Avoid contact between the eyes, skin and clothing and the gold cartridge face.

Special Storage: Avoid direct sunlight. Keep out of reach of children. Store in a cool, dry place.

Section 8: Exposure Control and Personal Protection Information:

Respiratory Protection: none required under normal use. Hand Protection: none required under normal use.

Eye Protection: none required under normal use. Skin Protection: none required under normal use.

Section 9: Physical and Chemical Properties

CHARACTERISTICS:

Appearance:	Magenta, blue or yellow	Freezing point:	19 – 20 ° F
Form:	Liquid	Vapor density: (air = 1)	Essentially water
Odor:	Slight odor	% Volatility:	88 %
Solubility in Water:	100% soluble	Evaporation rate:	1.1 – 1.2 µg/s @ 128°C
Pressurized?	No	Specific Gravity: (H ₂ O = 1)	1.03
pH	8.6	Boiling point:	206 ° F

Section 10: Stability and Reactivity

Conditions to avoid: none Materials to avoid: none Stability: Stable

Hazardous decomposition products: CO and CO₂ and other decomposition products when burned.

Section 11: Toxicological Information:

Ames test negative. Acute oral toxicity (rat) LD₅₀: Over 2500 mg/kg

Section 12: Environmental / Ecological Information

None

Section 13: Disposal Consideration

As formulated and packaged this ink is not classified as a hazardous waste by either Federal Regulation 40 CFR .Part 261 or the Code of California Regulations Title 22. Dispose of in accordance with local, state, and federal regulations.

Section 14: Transportation Information

None. This is not a hazardous product. Not classified under D.O.T.

Section 15: Regulatory Information

TSCA Status: All ingredients are registered under TSCA. EINECS: All ingredients are registered EINECS.

SARA Title III - Sec 302 (EHS) Ingredients: Not Listed, SARA Title III - Sec 304 (CERCLA & EHS) Ingredients (RQ): 1,000,000 lbs of ink,

SARA Title III - Sec 313 Supplier Notification: None of the product components are present above de minimus quantities of listed chemicals.

California Proposition 65: This product does not contain material which the State of California has found to cause cancer, birth defects or other reproductive harm.

Massachusetts Right to know: This product does not contain any MSL hazardous substances or extraordinarily hazardous substances above the de minimus concentration.

Pennsylvania Right to know: This product does not contain any Pennsylvania listed hazardous substances or special hazardous substances above the de minimus concentration.

Section 16: Miscellaneous Information

Information on this data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. On the basis of the data available to us, this product is not a dangerous substance. One should, however, observe the usual precautionary measures for dealing with chemicals.

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Judgment as to the suitability of information contained herein for user's purposes is the responsibility of the purchaser. Therefore, although reasonable care has been taken in the preparation of this information, Lanier Worldwide, Inc. extends no warranties, makes no representations, and assumes no responsibility as to the accuracy or suitability of such information for application to user's intended purposes or for consequences of its use. 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.

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