

Safety Data Sheet

1. Product and company identification

Description	CMY Dye Ink for Primera LX610 and LX600
Part numbers	53496 (cyan pg 1-6, magenta pg 7-13, yellow pg 14-20)
Manufacturer	Primera Technology
Address	Two Carlson Parkway North, Suite 375, Plymouth, MN 55447
Tel	763-475-6676
Information about the product	Product Environmental Office
Fax	763-475-6677
e-mail	support@primera.com
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

GHS Classification	Not classified
GHS label element	None

3. Composition/information on ingredients

Name	%	CAS No.	OSHA PEL	ACGIH TLV
Water	70 - 85	7732-18-5	None	None
Water Soluble Organic Solvent	15 - 30	Trade secret	None	None
Dye	1 - 5	Trade secret	None	None

4. 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

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lenses and continue flushing for at least 15 minutes. If irritation develops and persists, seek medical attention.

Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.
Aggravated conditions	None known.
Notes to physician	No specific antidote.

5. Fire-fighting measures

Flash point	> 200°C
Auto-ignition temperature	Not determined.
Flammable limits	Not determined.
Extinguishing media	Carbon dioxide, water spray or fog, dry chemical or foam.
Hazardous combustion products	Carbon monoxide, carbon dioxide, unidentified organics.
Special exposure hazards	None known.
Special protective equipment for fire-fighters	Fire fighters should wear full protective clothing, including self-contained breathing apparatus.
NFPA Rating	Health: 1 Flammability: 0 Reactivity: 0
HMIS Classification	Health: 1* Flammability: 0 Reactivity: 0

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	Keep from freezing.
Storage	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
Odor	Faint odor.
Solubility	Miscible in water.

10. Stability and reactivity

Stability and reactivity	The product is stable.
Conditions to avoid	None known.
Materials to avoid	Reactive or incompatible with the following materials: oxidizing materials.
Hazardous decomposition products	Carbon monoxide, carbon dioxide, unidentified organics.
Hazardous polymerization	Will not occur.
Additional guidelines	None.

11. Toxicological information

Primary routes of exposure	Inhalation of vapors, Ingestion, skin contact.
Ingestion	Low acute oral toxicity. Exposure not probable with intended use.
Inhalation	Low acute inhalation toxicity. As with exposure to high concentrations of any mist, minimal irritation of the respiratory tract may occur. Not known significant effects or critical hazards.

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Skin contact	Not an irritant. Not a dermal sensitizer. Not known significant effects or critical hazards.
Eye contact	Not an irritant. Not known significant effects or critical hazards.
Potential chronic health effects	CARCINOGENIC EFFECTS: Not classified or listed by IARC, NTP, OSHA and ACGIH. MUTAGENIC EFFECTS: Not mutagenic in Ames test. TERATOGENIC EFFECTS: Not available.

12. Ecological information

Mobility	Not available.
Other information	Decomposition products may include the following materials: carbon oxides (CO, CO ₂). 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.
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14. Transport information

The chemicals in the formulations are not restricted or regulated by IATA, ICAO, US DOT, ADR/RID, AND, IMDG and is safe to air transport.

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.
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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.
ENCS (Japan)	All ingredients are listed on the Japanese Existing and New Chemical Substances (ENCS) list, have been registered, or are exempt.
AICS (Australia)	All ingredients are listed in Australian Inventory of Chemical Substances (AICS), have been registered, or are exempt.
PICCS (Philippines)	All ingredients are listed on the Philippines Inventory (PICCS) or are exempt.
KECL (Korea)	All ingredients are listed on the Korean Existing Chemicals List (ECL), have been registered, or are exempt.
IECSC (China)	All ingredients are listed on the Chinese Inventory (IECSC) or are exempt.
WHMIS (Canada)	Not controlled under WHMIS (Canada).
DSL/NDSL(Canada)	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: 0 Reactivity: 0



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.

1. Product and company identification

Description	Magenta ink
Part numbers	53496
Recommended Use	Ink for Ink Jet Printer
Manufacturer	Primera Technology
Address	Two Carlson Parkway North, Suite 375, Plymouth, MN 55447
Tel	763-475-6676
Information about the product	Product Environmental Office
Fax	763-475-6677
e-mail	support@primera.com
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	None
Other hazards which do not result in classification	None

3. Composition/information on ingredients

Substance/Mixture: Mixture

Name	%	CAS No.	OSHA PEL	ACGIH TLV
Water	55 – 70	7732-18-5	None	None
Water Soluble Organic Solvent	25 – 40	Trade secret	None	None
Dye	1 – 4	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.
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.
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 No specific antidote.

5. Fire-fighting measures

Flash point	> 200°C
Auto-ignition temperature	None known.
Flammable limits	None known.
Extinguishing media	
Suitable media	Carbon dioxide, water spray or fog, dry chemical or foam
Unsuitable media	None
Hazardous combustion products	Carbon monoxide, carbon dioxide, unidentified organics
Special exposure hazards	None known.
Special protective equipment for fire-fighters	Fire fighters should wear full protective clothing, including self-contained breathing apparatus

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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	Keep from freezing.
Storage	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	Magenta

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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
Skin corrosion/irritation	No data available.
Serious eye damage/eye irritation	No data available
Sensitization	No data available

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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 ₂). 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.
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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 Annex2 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

PICCS (Philippines)	All ingredients are listed on the Philippines Inventory (PICCS) or are exempt.
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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.

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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.

1. Product and company identification

Description	Yellow Ink
Part numbers	53496
Recommended Use	Ink for Ink Jet Printer
Manufacturer	Primera Technology
Address	Two Carlson Parkway North, Suite 375, Plymouth, MN 55447
Tel	763-475-6676
Information about the product	Product Environmental Office
Fax	763-475-6677
e-mail	support@primera.com
Emergency phone number	For Hazardous Materials Incident Spill, Leak, Fire, Exposure, or Accident +1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

Name	%	CAS No.	OSHA PEL	ACGIH TLV
Water	- 75	7732-18-5	None	None
Water Soluble Organic Solvent	- 30	Trade secret	None	None
Dye	- 10	Trade secret	None	None

2. Hazards identification

Classification under OSHA HCS	Not classified
Label element	
Hazard symbol	None
Signal word	None
Hazard statements	None
Precautionary statements	None
Other hazards which do not result in classification	None

3. Composition/information on ingredients

Substance/Mixture: Mixture

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.
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.
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 No

specific antidote.

5. Fire-fighting measures

Flash point	> 200°C
Auto-ignition temperature	None known.
Flammable limits	None known.
Extinguishing media	
Suitable media	Carbon dioxide, water spray or fog, dry chemical or foam
Unsuitable media	None
Hazardous combustion products	Carbon monoxide, carbon dioxide, unidentified organics
Special exposure hazards	None known.
Special protective equipment for fire-fighters	Fire fighters should wear full protective clothing, including self-contained breathing apparatus

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	Keep from freezing.
Storage	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	Yellow
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
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 ₂). 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.
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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 Annex2 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

PICCS (Philippines)	All ingredients are listed on the Philippines Inventory (PICCS) or are exempt.
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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.

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