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

<table>
<thead>
<tr>
<th>Name</th>
<th>%</th>
<th>CAS No.</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>70 - 85</td>
<td>7732-18-5</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Water Soluble Organic Solvent</td>
<td>15 - 30</td>
<td>Trade secret</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Dye</td>
<td>1 – 5</td>
<td>Trade secret</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

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
Safety Data Sheet

Inhalation
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.

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.
Safety Data Sheet

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, CO₂).
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.

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.
Safety Data Sheet

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

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

<table>
<thead>
<tr>
<th>Name</th>
<th>%</th>
<th>CAS No.</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>55 – 70</td>
<td>7732-18-5</td>
<td>None</td>
<td>None</td>
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<tr>
<td>Water Soluble Organic Solvent</td>
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<td>Trade secret</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Dye</td>
<td>1 – 4</td>
<td>Trade secret</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>
Safety Data Sheet

4. First-aid measures

Description of first aid measures

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.

Wash with soap and water. Should irritation occur, seek medical attention.

Skin contact

Should irritation occur, seek medical attention.

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

<table>
<thead>
<tr>
<th>Inhaling</th>
<th>None under normal use.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin contact</td>
<td>None under normal use.</td>
</tr>
<tr>
<td>Eye contact</td>
<td>None under normal use.</td>
</tr>
<tr>
<td>Chronic Effects</td>
<td>None under normal use.</td>
</tr>
</tbody>
</table>

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
Magenta
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 Reactions: None
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
11. 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, CO₂). 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.
14. Transport information

<table>
<thead>
<tr>
<th>Description</th>
<th>Not applicable</th>
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</thead>
<tbody>
<tr>
<td>UN number</td>
<td></td>
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<tr>
<td>Proper shipping name</td>
<td></td>
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<tr>
<td>Transport hazard class</td>
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<tr>
<td>Packing group</td>
<td></td>
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<tr>
<td>Environmental hazards</td>
<td></td>
</tr>
<tr>
<td>Special precautions</td>
<td></td>
</tr>
<tr>
<td>Bulk transport Annex2 of MARPOL 73/78 and IBC code</td>
<td>Not applicable</td>
</tr>
</tbody>
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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.

16. Other information

**Revision comments**: No significant revisions to health and safety information.

**References**: ANSI Z400.1, MSDS Standard, 2004. - Manufacturer's Material
Notice to reader
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</thead>
<tbody>
<tr>
<td>Water</td>
<td>- 75</td>
<td>7732-18-5</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Water Soluble Organic Solvent</td>
<td>– 30</td>
<td>Trade secret</td>
<td>None</td>
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<td>Dye</td>
<td>– 10</td>
<td>Trade secret</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

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

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.

Wash with soap and water. Should irritation occur, seek medical attention.

Skin contact 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 Reactions: None
  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
### Safety Data Sheet

<table>
<thead>
<tr>
<th>Specific target organ toxicity – single exposure</th>
<th>No data available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific target organ toxicity – repeated exposure</td>
<td>No data available</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>No data available</td>
</tr>
<tr>
<td>Other information</td>
<td>No data available</td>
</tr>
</tbody>
</table>

#### 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, CO₂). Some metallic oxides.

#### 13. Disposal considerations

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<th>Information</th>
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<tbody>
<tr>
<td>UN number</td>
<td>Not applicable</td>
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<td>Proper shipping name</td>
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<tr>
<td>Environmental hazards</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Special precautions</td>
<td>Not applicable</td>
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<tr>
<td>Bulk transport Annex 2 of MARPOL 73/78 and IBC code</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

15. Regulatory information

United States

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International regulations lists

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