

**SAFETY DATA SHEET**

According to EC Directive 91/155/EEC

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**Trade name: LEPEN INK No.F3 Fl Blue**Serial No. **150727-05**

Revision Date

**Nov.20.2020**

Version

**1.2**

Print Date

**Nov.20.2020****1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING****Identification of the product**

Product name : LEPEN INK No.F3 Fl Blue

**Company/undertaking identification**Company : UCHIDA OF AMERICA, CORP.  
3535 Del Amo Blvd., Torrance, CA 90503

Telephone : +1-800-541-5877

Telefax : +1-800-229-7017

Emergency telephone number : +1-800-541-5877

**Use of the substance/preparation**

: For Markers.

**2. HAZARDS IDENTIFICATION**

Not applicable.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Ingredient                                     | CAS#         | Content (wt%) |
|--|--------------|---------------|
| C. I. Basic Blue 3                             | Trade Secret | < 50.0        |
| Styrene acrylonitrile copolymer                | Trade Secret | < 50.0        |
| Polypropylene glycol                           | Trade Secret | < 50.0        |
| Glycerin                                       | Trade Secret | 10.0 to 15.0  |
| Nonionic Surfactant (Not contain Nonyl phenol) | Trade Secret | 1.0 to 2.0    |
| Fungicide Agent                                | Trade Secret | 0.0 to 1.0    |
| Purified Water                                 | Trade Secret | residual part |

**4. FIRST AID MEASURES****Inhalation**

No hazardous volatile material is present, so unless extra ordinary prolonged inhalation, dangerous cases are usually nothing.

**Skin contact**

Immediately rinse through with soap and water.

**Eye contact**

Immediately rinse the stained eye with plenty of water, and call on a physician.

**Ingestion**

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They may be discarded the same as ordinary waste.

**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Water spray, foam, powder, and carbon dioxide.

**Specific hazards during fire fighting**

Owing too much water, these inks are not in flammable, but the evaporation residue is combustible.

Accordingly if the solid-state ink residues are burning, pouring of a plenty of water the most effective to extinguish.

**Special protective equipment for fire fighters**

Employ protective equipment commonly used in the event of fire.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions**

Wear suitable clothing and gloves.

**Environmental precautions**

At room temperature, no volatile materials are present in these inks.

**Methods for cleaning up**

Wipe the material with cloth and wash water.

**7. HANDLING AND STORAGE****Handling**

Wear suitable protective clothing and gloves.

**Storage**

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.

It is preferable to storage ink in a cool and well ventilated place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Personal protective equipment**

At room temperature, no volatile materials are present in these inks.

**Hand protection**

protective gloves

**Eye protection**

safety glasses with side-shields

**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

Form

liquid

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**Trade name: LEPEN INK No.F3 Fl Blue**

|            |                  |               |                    |
|------------|------------------|---------------|--------------------|
| Serial No. | <b>150727-05</b> | Revision Date | <b>Nov.20.2020</b> |
| Version    | <b>1.2</b>       | Print Date    | <b>Nov.20.2020</b> |

|                     |                                  |
|---------------------|----------------------------------|
| Colour              | coloured                         |
| Odour               | non                              |
| <b>Safety data</b>  |                                  |
| pH value            | not available                    |
| Boiling point/range | ca. 100°C                        |
| Solubility in water | soluble                          |
| Density             | ca. 1.0 to 1.1 g/cm <sup>3</sup> |
| Volatile            | 30 to 60 %                       |

**10. STABILITY AND REACTIVITY****Materials to avoid**

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.  
It is preferable to storage ink in a cool and well ventilated place.

**Hazardous reactions**

no.

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

The main components of these inks are Diethylene glycol, and several additives.  
Diethylene Glycol causes some damage to kidney.

**12. ECOLOGICAL INFORMATION****Ecotoxic effects**

Quantitative data on the ecological effect of this product are not available.

**Further ecologic data**

Do not allow entrance in waters, wastewater, or soil.

**13. DISPOSAL CONSIDERATIONS****Product**

Disposal according to local authority regulations.

**Packaging**

Disposal according to local authority regulations.

**14. TRANSPORT INFORMATION**

Not available.

**15. REGULATORY INFORMATION**

Not available.

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**Trade name: LEPEN INK No.F3 Fl Blue**Serial No. **150727-05**

Revision Date

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Print Date

**Nov.20.2020****16. OTHER INFORMATION**

Keep out reach of baby or children.

For further information, please contact us.

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**Trade name: LEPEN INK No.F4 Fl Green**Serial No. **150727-05**

Revision Date

**Nov.18.2020**

Version

**1.2**

Print Date

**Nov.18.2020****1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING****Identification of the product**

Product name : LEPEN INK No.F4 Fl Green

**Company/undertaking identification**Company : UCHIDA OF AMERICA, CORP.  
3535 Del Amo Blvd., Torrance, CA 90503

Telephone : +1-800-541-5877

Telefax : +1-800-229-7017

Emergency telephone number : +1-800-541-5877

**Use of the substance/preparation**

: For Markers.

**2. HAZARDS IDENTIFICATION**

Not applicable.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Ingredient                                     | CAS#         | Content (wt%) |
|--|--------------|---------------|
| C. I. Basic Blue 3                             | Trade Secret | < 50.0        |
| C. I. Basic Yellow 40                          | Trade Secret | < 50.0        |
| Styrene acrylonitrile copolymer                | Trade Secret | < 50.0        |
| Polypropylene glycol                           | Trade Secret | < 50.0        |
| Glycerin                                       | Trade Secret | 10.0 to 15.0  |
| Nonionic Surfactant (Not contain Nonyl phenol) | Trade Secret | 1.0 to 2.0    |
| Fungicide Agent                                | Trade Secret | 0.0 to 1.0    |
| Purified Water                                 | Trade Secret | residual part |

**4. FIRST AID MEASURES****Inhalation**

No hazardous volatile material is present, so unless extra ordinary prolonged inhalation, dangerous cases are usually nothing.

**Skin contact**

Immediately rinse through with soap and water.

**Eye contact**

Immediately rinse the stained eye with plenty of water, and call on a physician.

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Print Date

**Nov.18.2020****Ingestion**

They may be discarded the same as ordinary waste.

**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Water spray, foam, powder, and carbon dioxide.

**Specific hazards during fire fighting**

Owing too much water, these inks are not in flammable, but the evaporation residue is combustible.

Accordingly if the solid-state ink residues are burning, pouring of a plenty of water the most effective to extinguish.

**Special protective equipment for fire fighters**

Employ protective equipment commonly used in the event of fire.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions**

Wear suitable clothing and gloves.

**Environmental precautions**

At room temperature, no volatile materials are present in these inks.

**Methods for cleaning up**

Wipe the material with cloth and wash water.

**7. HANDLING AND STORAGE****Handling**

Wear suitable protective clothing and gloves.

**Storage**

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.

It is preferable to storage ink in a cool and well ventilated place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Personal protective equipment**

At room temperature, no volatile materials are present in these inks.

**Hand protection**

protective gloves

**Eye protection**

safety glasses with side-shields

**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

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|                     |                                  |
|---------------------|----------------------------------|
| Form                | liquid                           |
| Colour              | coloured                         |
| Odour               | non                              |
| <b>Safety data</b>  |                                  |
| pH value            | not available                    |
| Boiling point/range | ca. 100°C                        |
| Solubility in water | soluble                          |
| Density             | ca. 1.0 to 1.1 g/cm <sup>3</sup> |
| Volatile            | 30 to 60 %                       |

**10. STABILITY AND REACTIVITY****Materials to avoid**

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.

It is preferable to storage ink in a cool and well ventilated place.

**Hazardous reactions**

no.

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

The main components of these inks are Diethylene glycol, and several additives.

Diethylene Glycol causes some damage to kidney.

**12. ECOLOGICAL INFORMATION****Ecotoxic effects**

Quantitative data on the ecological effect of this product are not available.

**Further ecologic data**

Do not allow entrance in waters, wastewater, or soil.

**13. DISPOSAL CONSIDERATIONS****Product**

Disposal according to local authority regulations.

**Packaging**

Disposal according to local authority regulations.

**14. TRANSPORT INFORMATION**

Not available.

**15. REGULATORY INFORMATION**

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Not available.

**16. OTHER INFORMATION**

Keep out reach of baby or children.

For further information, please contact us.



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**Trade name: LEPEN INK No.F5 Fl Yellow**

Serial No. 150727-05

Revision Date

Nov.18.2020

Version

1.2

Print Date

Nov.18.2020

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING****Identification of the product**

Product name : LEPEN INK No.F5 Fl Yellow

**Company/undertaking identification**Company : UCHIDA OF AMERICA, CORP.  
3535 Del Amo Blvd., Torrance, CA 90503

Telephone : +1-800-541-5877

Telefax : +1-800-229-7017

Emergency telephone number : +1-800-541-5877

**Use of the substance/preparation**

: For Markers.

**2. HAZARDS IDENTIFICATION**

Not applicable.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Ingredient                                     | CAS#         | Content (wt%) |
|--|--------------|---------------|
| C. I. Basic Yellow 40                          | Trade Secret | < 50.0        |
| Styrene acrylonitrile copolymer                | Trade Secret | < 50.0        |
| Polypropylene glycol                           | Trade Secret | < 50.0        |
| Glycerin                                       | Trade Secret | 10.0 to 15.0  |
| Nonionic Surfactant (Not contain Nonyl phenol) | Trade Secret | 1.0 to 2.0    |
| Fungicide Agent                                | Trade Secret | 0.0 to 1.0    |
| Purified Water                                 | Trade Secret | residual part |

**4. FIRST AID MEASURES****Inhalation**

No hazardous volatile material is present, so unless extra ordinary prolonged inhalation, dangerous cases are usually nothing.

**Skin contact**

Immediately rinse through with soap and water.

**Eye contact**

Immediately rinse the stained eye with plenty of water, and call on a physician.

**Ingestion**

They may be discarded the same as ordinary waste.

**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Water spray, foam, powder, and carbon dioxide.

**Specific hazards during fire fighting**

Owing too much water, these inks are not in flammable, but the evaporation residue is combustible.

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Accordingly if the solid-state ink residues are burning, pouring of a plenty of water the most effective to extinguish.

**Special protective equipment for fire fighters**

Employ protective equipment commonly used in the event of fire.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions**

Wear suitable clothing and gloves.

**Environmental precautions**

At room temperature, no volatile materials are present in these inks.

**Methods for cleaning up**

Wipe the material with cloth and wash water.

**7. HANDLING AND STORAGE****Handling**

Wear suitable protective clothing and gloves.

**Storage**

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.

It is preferable to storage ink in a cool and well ventilated place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Personal protective equipment**

At room temperature, no volatile materials are present in these inks.

**Hand protection**

protective gloves

**Eye protection**

safety glasses with side-shields

**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

Form liquid

Colour coloured

Odour non

**Safety data**

pH value not available

Boiling point/range ca. 100°C

Solubility in water soluble

Density ca. 1.0 to 1.1 g/cm<sup>3</sup>

Volatile 30 to 60 %

**10. STABILITY AND REACTIVITY****Materials to avoid**

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.

It is preferable to storage ink in a cool and well ventilated place.

**Hazardous reactions**

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no.

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

The main components of these inks are Diethylene glycol, and several additives.

Diethylene Glycol causes some damage to kidney.

**12. ECOLOGICAL INFORMATION****Ecotoxic effects**

Quantitative data on the ecological effect of this product are not available.

**Further ecologic data**

Do not allow entrance in waters, wastewater, or soil.

**13. DISPOSAL CONSIDERATIONS****Product**

Disposal according to local authority regulations.

**Packaging**

Disposal according to local authority regulations.

**14. TRANSPORT INFORMATION**

Not available.

**15. REGULATORY INFORMATION**

Not available.

**16. OTHER INFORMATION**

Keep out reach of baby or children.

For further information, please contact us.

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**Trade name: LEPEN INK No.F9 Fl Pink**Serial No. **150727-05**

Revision Date

**Nov.18.2020**

Version

**1.2**

Print Date

**Nov.18.2020****1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING****Identification of the product**

Product name : LEPEN INK No.F9 Fl Pink

**Company/undertaking identification**Company : UCHIDA OF AMERICA, CORP.  
3535 Del Amo Blvd., Torrance, CA 90503

Telephone : +1-800-541-5877

Telefax : +1-800-229-7017

Emergency telephone number : +1-800-541-5877

**Use of the substance/preparation**

: For Markers.

**2. HAZARDS IDENTIFICATION**

Not applicable.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Ingredient                                     | CAS#         | Content (wt%) |
|--|--------------|---------------|
| C. I. Basic Violet 11: 1                       | Trade Secret | < 50.0        |
| C. I. Basic Red 1: 1                           | Trade Secret | < 50.0        |
| Styrene acrylonitrile copolymer                | Trade Secret | < 50.0        |
| Polypropylene glycol                           | Trade Secret | < 50.0        |
| Glycerin                                       | Trade Secret | 10.0 to 15.0  |
| Nonionic Surfactant (Not contain Nonyl phenol) | Trade Secret | 1.0 to 2.0    |
| Fungicide Agent                                | Trade Secret | 0.0 to 1.0    |
| Purified Water                                 | Trade Secret | residual part |

**4. FIRST AID MEASURES****Inhalation**

No hazardous volatile material is present, so unless extra ordinary prolonged inhalation, dangerous cases are usually nothing.

**Skin contact**

Immediately rinse through with soap and water.

**Eye contact**

Immediately rinse the stained eye with plenty of water, and call on a physician.

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Revision Date

**Nov.18.2020**

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**Nov.18.2020****Ingestion**

They may be discarded the same as ordinary waste.

**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Water spray, foam, powder, and carbon dioxide.

**Specific hazards during fire fighting**

Owing too much water, these inks are not in flammable, but the evaporation residue is combustible.

Accordingly if the solid-state ink residues are burning, pouring of a plenty of water the most effective to extinguish.

**Special protective equipment for fire fighters**

Employ protective equipment commonly used in the event of fire.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions**

Wear suitable clothing and gloves.

**Environmental precautions**

At room temperature, no volatile materials are present in these inks.

**Methods for cleaning up**

Wipe the material with cloth and wash water.

**7. HANDLING AND STORAGE****Handling**

Wear suitable protective clothing and gloves.

**Storage**

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.

It is preferable to storage ink in a cool and well ventilated place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Personal protective equipment**

At room temperature, no volatile materials are present in these inks.

**Hand protection**

protective gloves

**Eye protection**

safety glasses with side-shields

**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

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**Nov.18.2020**

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Print Date

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|                     |                                  |
|---------------------|----------------------------------|
| Form                | liquid                           |
| Colour              | coloured                         |
| Odour               | non                              |
| <b>Safety data</b>  |                                  |
| pH value            | not available                    |
| Boiling point/range | ca. 100°C                        |
| Solubility in water | soluble                          |
| Density             | ca. 1.0 to 1.1 g/cm <sup>3</sup> |
| Volatile            | 30 to 60 %                       |

**10. STABILITY AND REACTIVITY****Materials to avoid**

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.

It is preferable to storage ink in a cool and well ventilated place.

**Hazardous reactions**

no.

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

The main components of these inks are Diethylene glycol, and several additives.

Diethylene Glycol causes some damage to kidney.

**12. ECOLOGICAL INFORMATION****Ecotoxic effects**

Quantitative data on the ecological effect of this product are not available.

**Further ecologic data**

Do not allow entrance in waters, wastewater, or soil.

**13. DISPOSAL CONSIDERATIONS****Product**

Disposal according to local authority regulations.

**Packaging**

Disposal according to local authority regulations.

**14. TRANSPORT INFORMATION**

Not available.

**15. REGULATORY INFORMATION**

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**Trade name: LEPEN INK No.F9 Fl Pink**Serial No. **150727-05**

Revision Date

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Print Date

**Nov.18.2020**

Not available.

**16. OTHER INFORMATION**

Keep out reach of baby or children.

For further information, please contact us.

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**Trade name: LEPEN INK No.F7 Fl Orange**Serial No. **150727-05**

Revision Date

**Nov.18.2020**

Version

**1.2**

Print Date

**Nov.18.2020****1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING****Identification of the product**

Product name : LEPEN INK No.F7 Fl Orange

**Company/undertaking identification**Company : UCHIDA OF AMERICA, CORP.  
3535 Del Amo Blvd., Torrance, CA 90503

Telephone : +1-800-541-5877

Telefax : +1-800-229-7017

Emergency telephone number : +1-800-541-5877

**Use of the substance/preparation**

: For Markers.

**2. HAZARDS IDENTIFICATION**

Not applicable.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Ingredient                                     | CAS#         | Content (wt%) |
|--|--------------|---------------|
| C. I. Basic Yellow 40                          | Trade Secret | < 50.0        |
| C. I. Basic Violet 11: 1                       | Trade Secret | < 50.0        |
| C. I. Basic Red 1: 1                           | Trade Secret | < 50.0        |
| Styrene acrylonitrile copolymer                | Trade Secret | < 50.0        |
| Polypropylene glycol                           | Trade Secret | < 50.0        |
| Glycerin                                       | Trade Secret | 10.0 to 15.0  |
| Nonionic Surfactant (Not contain Nonyl phenol) | Trade Secret | 1.0 to 2.0    |
| Fungicide Agent                                | Trade Secret | 0.0 to 1.0    |
| Purified Water                                 | Trade Secret | residual part |

**4. FIRST AID MEASURES****Inhalation**

No hazardous volatile material is present, so unless extra ordinary prolonged inhalation, dangerous cases are usually nothing.

**Skin contact**

Immediately rinse through with soap and water.

**Eye contact**



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Immediately rinse the stained eye with plenty of water, and call on a physician.

**Ingestion**

They may be discarded the same as ordinary waste.

**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Water spray, foam, powder, and carbon dioxide.

**Specific hazards during fire fighting**

Owing too much water, these inks are not in flammable, but the evaporation residue is combustible.

Accordingly if the solid-state ink residues are burning, pouring of a plenty of water the most effective to extinguish.

**Special protective equipment for fire fighters**

Employ protective equipment commonly used in the event of fire.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions**

Wear suitable clothing and gloves.

**Environmental precautions**

At room temperature, no volatile materials are present in these inks.

**Methods for cleaning up**

Wipe the material with cloth and wash water.

**7. HANDLING AND STORAGE****Handling**

Wear suitable protective clothing and gloves.

**Storage**

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.

It is preferable to storage ink in a cool and well ventilated place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Personal protective equipment**

At room temperature, no volatile materials are present in these inks.

**Hand protection**

protective gloves

**Eye protection**

safety glasses with side-shields

**9. PHYSICAL AND CHEMICAL PROPERTIES**

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**Trade name: LEPEN INK No.F7 Fl Orange**Serial No. **150727-05**

Revision Date

**Nov.18.2020**

Version

**1.2**

Print Date

**Nov.18.2020****Appearance**

Form liquid  
Colour coloured  
Odour non

**Safety data**

pH value not available  
Boiling point/range ca. 100°C  
Solubility in water soluble  
Density ca. 1.0 to 1.1 g/cm<sup>3</sup>  
Volatile 30 to 60 %

**10. STABILITY AND REACTIVITY****Materials to avoid**

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.  
It is preferable to storage ink in a cool and well ventilated place.

**Hazardous reactions**

no.

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

The main components of these inks are Diethylene glycol, and several additives.  
Diethylene Glycol causes some damage to kidney.

**12. ECOLOGICAL INFORMATION****Ecotoxic effects**

Quantitative data on the ecological effect of this product are not available.

**Further ecologic data**

Do not allow entrance in waters, wastewater, or soil.

**13. DISPOSAL CONSIDERATIONS****Product**

Disposal according to local authority regulations.

**Packaging**

Disposal according to local authority regulations.

**14. TRANSPORT INFORMATION**

Not available.

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**Trade name: LEPEN INK No.F7 Fl Orange**Serial No. **150727-05**

Revision Date

**Nov.18.2020**Version **1.2**

Print Date

**Nov.18.2020****15. REGULATORY INFORMATION**

Not available.

**16. OTHER INFORMATION**

Keep out reach of baby or children.

For further information, please contact us.

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**Trade name: LEPEN INK No.F8 Fl Violet**Serial No. **150727-05**

Revision Date

**Nov.18.2020**

Version

**1.2**

Print Date

**Nov.18.2020****1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING****Identification of the product**

Product name : LEPEN INK No.F8 Fl Violet

**Company/undertaking identification**Company : UCHIDA OF AMERICA, CORP.  
3535 Del Amo Blvd., Torrance, CA 90503

Telephone : +1-800-541-5877

Telefax : +1-800-229-7017

Emergency telephone number : +1-800-541-5877

**Use of the substance/preparation**

: For Markers.

**2. HAZARDS IDENTIFICATION**

Not applicable.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Ingredient                                     | CAS#         | Content (wt%) |
|--|--------------|---------------|
| C. I. Basic Violet 7                           | Trade Secret | < 50.0        |
| Styrene acrylonitrile copolymer                | Trade Secret | < 50.0        |
| Polypropylene glycol                           | Trade Secret | < 50.0        |
| Glycerin                                       | Trade Secret | 10.0 to 15.0  |
| Nonionic Surfactant (Not contain Nonyl phenol) | Trade Secret | 1.0 to 2.0    |
| Fungicide Agent                                | Trade Secret | 0.0 to 1.0    |
| Purified Water                                 | Trade Secret | residual part |

**4. FIRST AID MEASURES****Inhalation**

No hazardous volatile material is present, so unless extra ordinary prolonged inhalation, dangerous cases are usually nothing.

**Skin contact**

Immediately rinse through with soap and water.

**Eye contact**

Immediately rinse the stained eye with plenty of water, and call on a physician.

**Ingestion**

They may be discarded the same as ordinary waste.

**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Water spray, foam, powder, and carbon dioxide.

**Specific hazards during fire fighting**

Owing too much water, these inks are not in flammable, but the evaporation residue is combustible.

**SAFETY DATA SHEET**

According to EC Directive 91/155/EEC

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**Trade name: LEPEN INK No.F8 Fl Violet**Serial No. **150727-05**

Revision Date

**Nov.18.2020**

Version

**1.2**

Print Date

**Nov.18.2020**

Accordingly if the solid-state ink residues are burning, pouring of a plenty of water the most effective to extinguish.

**Special protective equipment for fire fighters**

Employ protective equipment commonly used in the event of fire.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions**

Wear suitable clothing and gloves.

**Environmental precautions**

At room temperature, no volatile materials are present in these inks.

**Methods for cleaning up**

Wipe the material with cloth and wash water.

**7. HANDLING AND STORAGE****Handling**

Wear suitable protective clothing and gloves.

**Storage**

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.

It is preferable to storage ink in a cool and well ventilated place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Personal protective equipment**

At room temperature, no volatile materials are present in these inks.

**Hand protection**

protective gloves

**Eye protection**

safety glasses with side-shields

**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

Form liquid

Colour coloured

Odour non

**Safety data**

pH value not available

Boiling point/range ca. 100°C

Solubility in water soluble

Density ca. 1.0 to 1.1 g/cm<sup>3</sup>

Volatile 30 to 60 %

**10. STABILITY AND REACTIVITY****Materials to avoid**

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.

It is preferable to storage ink in a cool and well ventilated place.

**Hazardous reactions**

**SAFETY DATA SHEET**

According to EC Directive 91/155/EEC

page. 3/3

**Trade name: LEPEN INK No.F8 Fl Violet**Serial No. **150727-05**

Revision Date

**Nov.18.2020**Version **1.2**

Print Date

**Nov.18.2020**

no.

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

The main components of these inks are Diethylene glycol, and several additives.  
Diethylene Glycol causes some damage to kidney.

**12. ECOLOGICAL INFORMATION****Ecotoxic effects**

Quantitative data on the ecological effect of this product are not available.

**Further ecologic data**

Do not allow entrance in waters, wastewater, or soil.

**13. DISPOSAL CONSIDERATIONS****Product**

Disposal according to local authority regulations.

**Packaging**

Disposal according to local authority regulations.

**14. TRANSPORT INFORMATION**

Not available.

**15. REGULATORY INFORMATION**

Not available.

**16. OTHER INFORMATION**

Keep out reach of baby or children.

For further information, please contact us.

**SAFETY DATA SHEET**

According to EC Directive 91/155/EEC

page. 1/4

**Trade name: WATERPROOF INK #1 ULTRA BLACK**

#4300 No.1

Serial No. 141204-07

Revision Date

Nov.13.2020

Version 1.1

Print Date

Nov.13.2020

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING****Identification of the product**

Product name : WATERPROOF INK #1 ULTRA BLACK

**Company/undertaking identification**Company : UCHIDA OF AMERICA, CORP.  
3535 Del Amo Blvd., Torrance, CA 90503

Telephone : +1-800-541-5877

Telefax : +1-800-229-7017

Emergency telephone number : +1-800-541-5877

**Use of the substance/preparation**

: For Markers.

**2. HAZARDS IDENTIFICATION**

Not applicable.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Ingredient                                     | CAS#         | Content (wt%) |
|--|--------------|---------------|
| C. I. Basic Green 4                            | Trade Secret | 1.0 to 2.0    |
| C. I. Basic Violet 1                           | Trade Secret | 1.5 to 2.5    |
| C. I. Basic Orange 2                           | Trade Secret | 1.5 to 2.5    |
| Ethylene Glycol                                | Trade Secret | 35.0 to 45.0  |
| Nonionic Surfactant (Not contain Nonyl phenol) | Trade Secret | 0.0 to 1.0    |
| Purified Water                                 | Trade Secret | residual part |

**4. FIRST AID MEASURES****Inhalation**

No hazardous volatile material is present, so unless extra ordinary prolonged inhalation, dangerous cases are usually nothing.

**Skin contact**

Immediately rinse through with soap and water.

**Eye contact**

Immediately rinse the stained eye with plenty of water, and call on a physician.

**Ingestion**

They may be discarded the same as ordinary waste.

**SAFETY DATA SHEET**

According to EC Directive 91/155/EEC

page. 2/4

**Trade name: WATERPROOF INK #1 ULTRA BLACK**

#4300 No.1

Serial No. 141204-07

Revision Date

Nov.13.2020

Version 1.1

Print Date

Nov.13.2020

**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Water spray, foam, powder, and carbon dioxide.

**Specific hazards during fire fighting**

Owing too much water, these inks are not in flammable, but the evaporation residue is combustible.

Accordingly if the solid-state ink residues are burning, pouring of a plenty of water the most effective to extinguish.

**Special protective equipment for fire fighters**

Employ protective equipment commonly used in the event of fire.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions**

Wear suitable clothing and gloves.

**Environmental precautions**

At room temperature, no volatile materials are present in these inks.

**Methods for cleaning up**

Wipe the material with cloth and wash water.

**7. HANDLING AND STORAGE****Handling**

Wear suitable protective clothing and gloves.

**Storage**

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.

It is preferable to storage ink in a cool and well ventilated place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Personal protective equipment**

At room temperature, no volatile materials are present in these inks.

**Hand protection**

protective gloves

**Eye protection**

safety glasses with side-shields

**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

|        |          |
|--------|----------|
| Form   | liquid   |
| Colour | coloured |



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page. 3/4

**Trade name: WATERPROOF INK #1 ULTRA BLACK**

#4300 No.1

Serial No. **141204-07**  
Version **1.1**Revision Date  
Print Date**Nov.13.2020**  
**Nov.13.2020**

Odour non

**Safety data**

pH value not available

Boiling point/range ca. 100°C

Solubility in water soluble

Density ca. 1.0 to 1.1 g/cm<sup>3</sup>

Volatile 30 to 60 %

**10. STABILITY AND REACTIVITY****Materials to avoid**

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.  
It is preferable to storage ink in a cool and well ventilated place.

**Hazardous reactions**

no.

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

The main components of these inks are Diethylene glycol, and several additives.  
Diethylene Glycol causes some damage to kidney.

**12. ECOLOGICAL INFORMATION****Ecotoxic effects**

Quantitative data on the ecological effect of this product are not available.

**Further ecologic data**

Do not allow entrance in waters, wastewater, or soil.

**13. DISPOSAL CONSIDERATIONS****Product**

Disposal according to local authority regulations.

**Packaging**

Disposal according to local authority regulations.

**14. TRANSPORT INFORMATION**

Not available.

**15. REGULATORY INFORMATION**

Not available.

**SAFETY DATA SHEET**According to EC Directive 91/155/EEC

page. 4/4

**Trade name: WATERPROOF INK #1 ULTRA BLACK****#4300 No.1**Serial No. **141204-07**  
Version **1.1**Revision Date **Nov.13.2020**  
Print Date **Nov.13.2020****16. OTHER INFORMATION**

Keep out reach of baby or children.

For further information, please contact us.

**SAFETY DATA SHEET**

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page. 1/4

**Trade name: LEPEN INK No.3 Blue**Serial No. **150727-03**

Revision Date

**Nov.18.2020**Version **1.1**

Print Date

**Nov.18.2020****1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING****Identification of the product**

Product name : LEPEN INK No.3 Blue

**Company/undertaking identification**Company : UCHIDA OF AMERICA, CORP.  
3535 Del Amo Blvd., Torrance, CA 90503

Telephone : +1-800-541-5877

Telefax : +1-800-229-7017

Emergency telephone number : +1-800-541-5877

**Use of the substance/preparation**

: For Markers.

**2. HAZARDS IDENTIFICATION**

Not applicable.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Ingredient  | CAS#         | Content (wt%) |
|---|--------------|---------------|
| C. I. Basic Blue 7  | Trade Secret | 3.5 to 4.0    |
| Ethylene Glycol   | Trade Secret | 18.0 to 20.0  |
| Diethylene Glycol   | Trade Secret | 8.0 to 10.0   |
| DMSO  | Trade Secret | 4.0 to 5.0    |
| N, N'-Bis (polyoxy ethylene)-<br>-p-toluene sulfonic acid amide | Trade Secret | 4.0 to 5.0    |
| Nonionic Surfactant (Not contain Nonyl phenol)                  | Trade Secret | 1.0 to 2.0    |
| Purified Water  | Trade Secret | residual part |

**4. FIRST AID MEASURES****Inhalation**

No hazardous volatile material is present, so unless extra ordinary prolonged inhalation, dangerous cases are usually nothing.

**Skin contact**

Immediately rinse through with soap and water.

**Eye contact**

Immediately rinse the stained eye with plenty of water, and call on a physician.

**SAFETY DATA SHEET**

According to EC Directive 91/155/EEC

page. 2/4

**Trade name: LEPEN INK No.3 Blue**Serial No. **150727-03**

Revision Date

**Nov.18.2020**Version **1.1**

Print Date

**Nov.18.2020****Ingestion**

They may be discarded the same as ordinary waste.

**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Water spray, foam, powder, and carbon dioxide.

**Specific hazards during fire fighting**

Owing too much water, these inks are not in flammable, but the evaporation residue is combustible.

Accordingly if the solid-state ink residues are burning, pouring of a plenty of water the most effective to extinguish.

**Special protective equipment for fire fighters**

Employ protective equipment commonly used in the event of fire.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions**

Wear suitable clothing and gloves.

**Environmental precautions**

At room temperature, no volatile materials are present in these inks.

**Methods for cleaning up**

Wipe the material with cloth and wash water.

**7. HANDLING AND STORAGE****Handling**

Wear suitable protective clothing and gloves.

**Storage**

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.

It is preferable to storage ink in a cool and well ventilated place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Personal protective equipment**

At room temperature, no volatile materials are present in these inks.

**Hand protection**

protective gloves

**Eye protection**

safety glasses with side-shields

**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

**SAFETY DATA SHEET**

According to EC Directive 91/155/EEC

page. 3/4

**Trade name: LEPEN INK No.3 Blue**Serial No. **150727-03**

Revision Date

**Nov.18.2020**Version **1.1**

Print Date

**Nov.18.2020**

Form liquid  
Colour coloured  
Odour non

**Safety data**

pH value not available  
Boiling point/range ca. 100°C  
Solubility in water soluble  
Density ca. 1.0 to 1.1 g/cm<sup>3</sup>  
Volatile 30 to 60 %

**10. STABILITY AND REACTIVITY****Materials to avoid**

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.  
It is preferable to storage ink in a cool and well ventilated place.

**Hazardous reactions**

no.

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

The main components of these inks are Diethylene glycol, and several additives.  
Diethylene Glycol causes some damage to kidney.

**12. ECOLOGICAL INFORMATION****Ecotoxic effects**

Quantitative data on the ecological effect of this product are not available.

**Further ecologic data**

Do not allow entrance in waters, wastewater, or soil.

**13. DISPOSAL CONSIDERATIONS****Product**

Disposal according to local authority regulations.

**Packaging**

Disposal according to local authority regulations.

**14. TRANSPORT INFORMATION**

Not available.

**15. REGULATORY INFORMATION**

**SAFETY DATA SHEET**According to EC Directive 91/155/EEC

page. 4/4

**Trade name: LEPEN INK No.3 Blue**Serial No. **150727-03**

Revision Date

**Nov.18.2020**Version **1.1**

Print Date

**Nov.18.2020**

Not available.

**16. OTHER INFORMATION**

Keep out reach of baby or children.

For further information, please contact us.

**SAFETY DATA SHEET**

According to EC Directive 91/155/EEC

page. 1/4

**Trade name: LEPEN INK No.4 Green**Serial No. **150727-05**  
Version **1.1**Revision Date **Nov.18.2020**  
Print Date **Nov.18.2020****1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING****Identification of the product**

Product name : LEPEN INK No.4 Green

**Company/undertaking identification**Company : UCHIDA OF AMERICA, CORP.  
3535 Del Amo Blvd., Torrance, CA 90503

Telephone : +1-800-541-5877

Telefax : +1-800-229-7017

Emergency telephone number : +1-800-541-5877

**Use of the substance/preparation**

: For Markers.

**2. HAZARDS IDENTIFICATION**

Not applicable.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Ingredient                                     | CAS#         | Content (wt%) |
|--|--------------|---------------|
| C. I. Acid Violet 49                           | Trade Secret | 0.1 to 0.3    |
| C. I. Acid Blue 9                              | Trade Secret | 0.5 to 0.6    |
| C. I. Acid Yellow 42                           | Trade Secret | 0.3 to 0.4    |
| Ethylene Glycol                                | Trade Secret | 20.0 to 25.0  |
| Nonionic Surfactant (Not contain Nonyl phenol) | Trade Secret | 1.0 to 2.0    |
| Purified Water                                 | Trade Secret | residual part |

**4. FIRST AID MEASURES****Inhalation**

No hazardous volatile material is present, so unless extra ordinary prolonged inhalation, dangerous cases are usually nothing.

**Skin contact**

Immediately rinse through with soap and water.

**Eye contact**

Immediately rinse the stained eye with plenty of water, and call on a physician.

**Ingestion**

They may be discarded the same as ordinary waste.

**SAFETY DATA SHEET**

According to EC Directive 91/155/EEC

page. 2/4

**Trade name: LEPEN INK No.4 Green**Serial No. **150727-05**

Revision Date

**Nov.18.2020**

Version

**1.1**

Print Date

**Nov.18.2020****5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Water spray, foam, powder, and carbon dioxide.

**Specific hazards during fire fighting**

Owing too much water, these inks are not in flammable, but the evaporation residue is combustible.

Accordingly if the solid-state ink residues are burning, pouring of a plenty of water the most effective to extinguish.

**Special protective equipment for fire fighters**

Employ protective equipment commonly used in the event of fire.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions**

Wear suitable clothing and gloves.

**Environmental precautions**

At room temperature, no volatile materials are present in these inks.

**Methods for cleaning up**

Wipe the material with cloth and wash water.

**7. HANDLING AND STORAGE****Handling**

Wear suitable protective clothing and gloves.

**Storage**

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.

It is preferable to storage ink in a cool and well ventilated place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Personal protective equipment**

At room temperature, no volatile materials are present in these inks.

**Hand protection**

protective gloves

**Eye protection**

safety glasses with side-shields

**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

Form

liquid

Colour

coloured



**SAFETY DATA SHEET**

According to EC Directive 91/155/EEC

page. 3/4

**Trade name: LEPEN INK No.4 Green**

|            |           |               |             |
|------------|-----------|---------------|-------------|
| Serial No. | 150727-05 | Revision Date | Nov.18.2020 |
| Version    | 1.1       | Print Date    | Nov.18.2020 |

|                     |                                  |
|---------------------|----------------------------------|
| Odour               | non                              |
| <b>Safety data</b>  |                                  |
| pH value            | not available                    |
| Boiling point/range | ca. 100°C                        |
| Solubility in water | soluble                          |
| Density             | ca. 1.0 to 1.1 g/cm <sup>3</sup> |
| Volatile            | 30 to 60 %                       |

**10. STABILITY AND REACTIVITY****Materials to avoid**

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.  
It is preferable to storage ink in a cool and well ventilated place.

**Hazardous reactions**

no.

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

The main components of these inks are Diethylene glycol, and several additives.  
Diethylene Glycol causes some damage to kidney.

**12. ECOLOGICAL INFORMATION****Ecotoxic effects**

Quantitative data on the ecological effect of this product are not available.

**Further ecologic data**

Do not allow entrance in waters, wastewater, or soil.

**13. DISPOSAL CONSIDERATIONS****Product**

Disposal according to local authority regulations.

**Packaging**

Disposal according to local authority regulations.

**14. TRANSPORT INFORMATION**

Not available.

**15. REGULATORY INFORMATION**

Not available.

**SAFETY DATA SHEET**According to EC Directive 91/155/EEC

page. 4/4

**Trade name: LEPEN INK No.4 Green**Serial No. **150727-05**

Revision Date

**Nov.18.2020**Version **1.1**

Print Date

**Nov.18.2020****16. OTHER INFORMATION**

Keep out reach of baby or children.

For further information, please contact us.

**SAFETY DATA SHEET**

According to EC Directive 91/155/EEC

page. 1/4

**Trade name: LEPEN INK No.2 Red**Serial No. **150727-14**

Revision Date

**Nov.18.2020**Version **1.1**

Print Date

**Nov.18.2020****1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING****Identification of the product**

Product name : LEPEN INK No.2 Red

**Company/undertaking identification**Company : UCHIDA OF AMERICA, CORP.  
3535 Del Amo Blvd., Torrance, CA 90503

Telephone : +1-800-541-5877

Telefax : +1-800-229-7017

Emergency telephone number : +1-800-541-5877

**Use of the substance/preparation**

: For Markers.

**2. HAZARDS IDENTIFICATION**

Not applicable.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Ingredient                                     | CAS#         | Content (wt%) |
|--|--------------|---------------|
| C. I. Acid Yellow 42                           | Trade Secret | 2.0 to 3.0    |
| C. I. Acid Red 87                              | Trade Secret | 4.0 to 5.0    |
| C. I. Acid Red 52                              | Trade Secret | 0.3 to 0.5    |
| C. I. Acid Red 92                              | Trade Secret | 1.0 to 1.5    |
| Ethylene Glycol                                | Trade Secret | 15.0 to 20.0  |
| Diethylene glycol                              | Trade Secret | 4.0 to 5.0    |
| Nonionic Surfactant (Not contain Nonyl phenol) | Trade Secret | 1.0 to 2.0    |
| Purified Water                                 | Trade Secret | residual part |

**4. FIRST AID MEASURES****Inhalation**

No hazardous volatile material is present, so unless extra ordinary prolonged inhalation, dangerous cases are usually nothing.

**Skin contact**

Immediately rinse through with soap and water.

**Eye contact**

Immediately rinse the stained eye with plenty of water, and call on a physician.

**SAFETY DATA SHEET**

According to EC Directive 91/155/EEC

page. 2/4

**Trade name: LEPEN INK No.2 Red**

Serial No.

**150727-14**

Revision Date

**Nov.18.2020**

Version

**1.1**

Print Date

**Nov.18.2020****Ingestion**

They may be discarded the same as ordinary waste.

**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Water spray, foam, powder, and carbon dioxide.

**Specific hazards during fire fighting**

Owing too much water, these inks are not in flammable, but the evaporation residue is combustible.

Accordingly if the solid-state ink residues are burning, pouring of a plenty of water the most effective to extinguish.

**Special protective equipment for fire fighters**

Employ protective equipment commonly used in the event of fire.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions**

Wear suitable clothing and gloves.

**Environmental precautions**

At room temperature, no volatile materials are present in these inks.

**Methods for cleaning up**

Wipe the material with cloth and wash water.

**7. HANDLING AND STORAGE****Handling**

Wear suitable protective clothing and gloves.

**Storage**

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.

It is preferable to storage ink in a cool and well ventilated place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Personal protective equipment**

At room temperature, no volatile materials are present in these inks.

**Hand protection**

protective gloves

**Eye protection**

safety glasses with side-shields

**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

**SAFETY DATA SHEET**

According to EC Directive 91/155/EEC

page. 3/4

**Trade name: LEPEN INK No.2 Red**

Serial No.

**150727-14**

Revision Date

**Nov.18.2020**

Version

**1.1**

Print Date

**Nov.18.2020**

|                     |                                  |
|---------------------|----------------------------------|
| Form                | liquid                           |
| Colour              | coloured                         |
| Odour               | non                              |
| <b>Safety data</b>  |                                  |
| pH value            | not available                    |
| Boiling point/range | ca. 100°C                        |
| Solubility in water | soluble                          |
| Density             | ca. 1.0 to 1.1 g/cm <sup>3</sup> |
| Volatile            | 30 to 60 %                       |

**10. STABILITY AND REACTIVITY****Materials to avoid**

Take care not to leave for a prolonged time in a cap-off state, Otherwise ink will dry up.

It is preferable to storage ink in a cool and well ventilated place.

**Hazardous reactions**

no.

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

The main components of these inks are Diethylene glycol, and several additives.

Diethylene Glycol causes some damage to kidney.

**12. ECOLOGICAL INFORMATION****Ecotoxic effects**

Quantitative data on the ecological effect of this product are not available.

**Further ecologic data**

Do not allow entrance in waters, wastewater, or soil.

**13. DISPOSAL CONSIDERATIONS****Product**

Disposal according to local authority regulations.

**Packaging**

Disposal according to local authority regulations.

**14. TRANSPORT INFORMATION**

Not available.

**15. REGULATORY INFORMATION**

**SAFETY DATA SHEET**According to EC Directive 91/155/EEC

page. 4/4

**Trade name: LEPEN INK No.2 Red**Serial No. **150727-14**  
Version **1.1**Revision Date **Nov.18.2020**  
Print Date **Nov.18.2020**

Not available.

**16. OTHER INFORMATION**

Keep out reach of baby or children.

For further information, please contact us.