

**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**  
Version **1.2**Revision Date **Nov.20.2020**  
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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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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**Nov.20.2020****16. OTHER INFORMATION**

Keep out reach of baby or children.

For further information, please contact us.

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**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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**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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**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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**1.2**

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**

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

Print Date

**Nov.18.2020**

Not available.

**16. OTHER INFORMATION**

Keep out reach of baby or children.

For further information, please contact us.