20841-1039

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MSDS for #20841 - LICHIDA LE PEN **SAFETY DATA SHEET** According to EC Directive 91/155/EEC page. 1/4 **Trade name: LEPEN INK No.F3 Fl Blue** Serial No. 150727-05 **Revision** Date Nov.20.2020 Version Print Date Nov.20.2020 1.2 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING **Identification of the product** : LEPEN INK No.F3 Fl Blue Product name 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 : +1-800-541-5877Use 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**

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

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

Version

150727-05 1.2

Revision Date Print Date

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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

SAFETY DATA SHEET According to EC Directive 91/155/EEC page. 3/4

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	

C 1	1 1
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/cm3
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.F3 Fl Blue Serial No.

Version

150727-05 1.2

Revision Date Print Date

Nov.20.2020 Nov.20.2020

16. OTHER INFORMATION

MSDS for #20841 - LICHIDA LE PEN

SAFETY DATA SI	HEEL	According to EC Direct	ive 91/155/EEC	page. 1/
Trade name: LEPEN	INK No.F	4 Fl Green		
Serial No. 15072	7-05	Revision Date	Nov.18.2020	
Version 1.2		Print Date	Nov.18.2020	
DENTIFICATION OF THE	SUBSTANCE/	PREPARATION AND TH	E COMPANY/UNI	DERTAKI
Identification of the produc	t			
Product name	: LEPEN	INK No.F4 Fl Green		
Company/undertaking iden	tification			
Company	: UCHIDA	A OF AMERICA, CORP.		
	3535 De	l Amo Blvd., Torrance, CA 9	90503	
Telephone	: +1-800-5	541-5877		
Telefax	: +1-800-2	229-7017		
Emergency telephone number	r :+1-800-5	541-5877		
Use of the substance/prepar	ation			

2. HAZARDS IDENTIFICATION

Not applicable.

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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.

SAFETY DATA SHEET

Serial No.

Version

Trade name: LEPEN INK No.F4 Fl Green Revision Date

page. 2/4

Nov.18.2020

Nov.18.2020

150727-05

Print Date

Ingestion

They may be discarded the same as ordinary waste.

1.2

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

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	

Form Colour	liquid 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/cm3
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.F4 Fl Green Serial No. Revision Date 150727-05 Nov.18.2020 Version 1.2 Print Date Nov.18.2020

Not available.

16. OTHER INFORMATION

MSDS for #20841 - LICHIDA | F PEN

	DATA SHEET e: LEPEN INK No.F5	According to EC Direct	tive 91/155/EEC	page. 1/3
Serial No. Version	150727-05 1.2	Revision Date Print Date	Nov.18.2020 Nov.18.2020	
	ON OF THE SUBSTANCE/P	φέρα βατίονι ανίο τη	Ε COMPANY/UNI	NEDTA KINO

1. I **ARATION 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.

MSDS for #20841 - LICHIDA LE PEN

SAFETY DATA SHEET According to EC Directive 91/155/EEC page. 2/3 Trade name: LEPEN INK No.F5 Fl Yellow Paging Data Nay 18 2020

Serial No.	150727-05	Revision Date	No
Version	1.2	Print Date	No

Nov.18.2020 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/cm3
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

Trade name:	LEPEN IN
Serial No.	150727-05
Version	1.2

CN INK No.F5 Fl Yellow 727-05 Revision Date

Print Date

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8.2020 8 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

MSDS for #20841 - LICHIDA LE PEN

	F9 Fl Pink		
.2	Print Date	Nov.18.2020	
HE SUBSTANCE	PREPARATION AND TH	E COMPANY/UNI	DERTAK
oduct			
: LEPEN	INK No.F9 Fl Pink		
identification			
: UCHIE	A OF AMERICA, CORP.		
3535 D	el Amo Blvd., Torrance, CA	90503	
: +1-800	-541-5877		
:+1-800	-229-7017		
mber : +1-800	-541-5877		
	50727-05 .2 HE SUBSTANCE oduct : LEPEN identification : UCHIE 3535 D : +1-800 : +1-800	50727-05 Revision Date .2 Print Date HE SUBSTANCE/PREPARATION AND TH oduct : LEPEN INK No.F9 Fl Pink identification : UCHIDA OF AMERICA, CORP. 3535 Del Amo Blvd., Torrance, CA : +1-800-541-5877 : +1-800-229-7017	50727-05 Revision Date Print Date Nov.18.2020 Nov.18.2020 HE SUBSTANCE/PREPARATION AND THE COMPANY/UNI oduct : : LEPEN INK No.F9 Fl Pink identification : : UCHIDA OF AMERICA, CORP. 3535 Del Amo Blvd., Torrance, CA 90503 : +1-800-541-5877 : +1-800-229-7017

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.

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

Trade name: LEPEN INK No.F9 Fl Pink

Serial No. Version

Revision Date

Print Date

Nov.18.2020

Nov.18.2020

Ingestion

They may be discarded the same as ordinary waste.

1.2

150727-05

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.F9 FI Pink**

mane.				
Serial No.	150727-05	Revision Date	Nov.18.2020	
Version	1.2	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/cm3
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.F9 Fl Pink serial No. 150727-05 Revision Date Nov.18.2020 Version 1.2 Print Date Nov.18.2020

Not available.

16. OTHER INFORMATION

MSDS for #20841 - UCHIDA LE PEN

] SAFETY I	DATA SHEET	According to EC Direct	tive 91/155/EEC	page. 1/4
Trade name	: LEPEN INK No.F	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

SAFETY DATA SHEET According to EC Directive 91/155/EEC page. 2/4 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 Image: 100 minute

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

SAFETY I	DATA SHEET	According to EC Direct	ive 91/155/EEC	page. 3/4
Trade name	: LEPEN INK No.I	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/cm3 $$
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.

SAFETY I	DATA SHEET	According to EC Direct	ive 91/155/EEC	page. 4/4
Trade name	: LEPEN INK No.F	7 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

MSDS for #20841 - LICHIDA LE PEN

SAFETY DATA SH	EET	According to EC Direct	ive 91/155/EEC	page. 1/
Trade name: LEPEN 1	NK No.F8	Fl Violet		
Serial No. 150727-	05	Revision Date	Nov.18.2020	
Version 1.2		Print Date	Nov.18.2020	
DENTIFICATION OF THE SU	JBSTANCE/PR	EPARATION AND TH	E COMPANY/UNI	DERTAKI
Identification of the product				
Product name	: LEPEN IN	K No.F8 Fl Violet		
Company/undertaking identif	ication			
Company	: UCHIDA (OF AMERICA, CORP.		
	3535 Del A	mo Blvd., Torrance, CA	90503	
Telephone	:+1-800-541	1-5877		
Telephone Telefax	: +1-800-541 : +1-800-229			

2. HAZARDS IDENTIFICATION

Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS#	Content (wt%)
Trade Secret	< 50.0
Trade Secret	< 50.0
Trade Secret	< 50.0
Trade Secret	10.0 to 15.0
Trade Secret	1.0 to 2.0
Trade Secret	0.0 to 1.0
Trade Secret	residual part
	Trade Secret Trade Secret Trade Secret Trade Secret Trade Secret Trade Secret

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

Trade name: LEPEN INK No.F8 Fl Violet Serial No.

Version

150727-05 1.2

Revision Date Print Date

Nov.18.2020 Nov.18.2020

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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/cm3
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

150727-05

1.2

Serial No.

Version

Trade name: LEPEN INK No.F8 Fl Violet

Revision Date

Print Date

Nov.18.2020

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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

-	DATA SHI		ccording to EC Direc		page. 1/4
Trade name		ROOF INK #	1 ULTRA BLA	АСК	
Serial No. Version	#4300 No.1 141204-(1.1	7	Revision Date Print Date	Nov.13.2020 Nov.13.2020	
		BSTANCE/PREP	ARATION AND TH	IE COMPANY/UNI	DERTAKING
Identification of	of the product				
Product name		: WATERPROO	F INK #1 ULTRA BI	LACK	
Company/undo Company	ertaking identifi	: UCHIDA OF A	MERICA, CORP. Blvd., Torrance, CA	00502	
Telephone		: +1-800-541-58		90505	
Telefax		:+1-800-229-70			
Emergency tele	phone number	: +1-800-541-58			
	tance/preparati	on			
Use of the subs		: For Markers			

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

Print Date

Nov.13.2020

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Water spray, foam, powder, and carbon dioxide.

1.1

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 I	DATA SHEET	A SHEET According to EC Directive 91/155/EEC		page. 3/4
Trade name	: WATERPROOF	INK #1 ULTRA BLA	CK	
	#4300 No.1			
Serial No.	141204-07	Revision Date	Nov.13.2020	
Version	1.1	Print Date	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/cm3
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.

MSD	<u>S for #20841 - L</u>				Pa	ge 26 of 38
	SAFETY	DATA SHEET	According to EC Directiv	ve 91/155/EEC	page. 4/4	,
	Trade nam	ne: WATERPROOF	INK #1 ULTRA BLAC	СК		
		#4300 No.1				
	Serial No.	141204-07	Revision Date	Nov.13.2020		
	Version	1.1	Print Date	Nov.13.2020		

16. OTHER INFORMATION

MSDS for #20841 - UCHIDA LE PEN

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

version	1.1	Print Date	100
	version		

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.

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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)-		
-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

Trade name: LEPEN INK No.3 Blue 150727-03 1.1

Serial No. Version

Revision Date Print Date

Nov.18.2020 Nov.18.2020

page. 2/4

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 SHEETAccording to EC Directive 91/155/EECpage. 3/4Trade name: LEPEN INK No.3 BlueSerial No.150727-03Revision DateNov.18.2020Version1.1Print DateNov.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/cm3
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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	SAFETY I	DATA SHEET	According to EC Direction	ve 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

MSDS for #20841 - UCHIDA LE PEN

Trade name:	LEPEN INK No.4	Green		
Serial No.	150727-05	Revision Date	Nov.18.2020	
Version	1.1	Print Date	Nov.18.2020	
Identification of	the product			
	F			
Product name	*	NK No.4 Green		
Product name	*	NK No.4 Green		
Product name	: LEPEN I	NK No.4 Green OF AMERICA, CORP.		
Product name Company/undert	: LEPEN I taking identification : UCHIDA		00503	
Product name Company/undert	: LEPEN I taking identification : UCHIDA	OF AMERICA, CORP. Amo Blvd., Torrance, CA 9	00503	

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 page. 2/4 According to EC Directive 91/155/EEC

Trade name: LEPEN INK No.4 Green

1.1

Serial No. Version

150727-05

Revision Date Print Date

Nov.18.2020 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 <u>According to EC Directive 91/155/EEC</u> page. 3/4

Irade 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
Safety data	
pH value	not available
Boiling point/range	ca. 100°C
Solubility in water	soluble
Density	ca. 1.0 to 1.1 g/cm3
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 DA	TA SHEET	According to EC Directive	91/155/EEC	page. 4/4	
Trade name: L	EPEN INK No.4 Gre				
Serial No.	150727-05	Revision Date	Nov.18.2020		
Version	1.1	Print Date	Nov.18.2020		

16. OTHER INFORMATION

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.

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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
Safety data	
pH value	not available
Boiling point/range	ca. 100°C
Solubility in water	soluble
Density	ca. 1.0 to 1.1 g/cm3
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 <u>According to EC Directive 91/155/EEC</u>			page. 4/4	
Trade name: LEPEN INK No.2 Red Serial No. 150727-14 Revision Date Nov.18.2020					
	Version	1.1	Print Date	Nov.18.2020 Nov.18.2020	

Not available.

16. OTHER INFORMATION