

SAFETY DATA SHEET

According to EC Directive 91/155/EEC

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Trade name: #4300 LE PEN and #4800 LE PEN FLEX

Serial No. 210105

Revision Date

Jan.05.2021

Version

1.0

Print Date

Jan.05.2021

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Identification of the product

Product name : #4300 Le Pen / #4800 Le Pen Flex

Company/undertaking identification

Company : UCHIDA YOKO GLOBAL CO., LTD.
4-7, Shinkawa 2-chome, Chuo, Tokyo 104-0033, Japan

Telephone : +81-(0) 3-3555-4782

Telefax : +81-(0) 3-3555-6423

Emergency telephone number : +81-(0) 3-3555-4782

Use of the substance/preparation

: For Markers.

2. HAZARDS IDENTIFICATION

Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS#	Content (wt%)
Ethylene Glycol	107-21-1	< 45.0
Diethylene Glycol	111-46-6	< 10.0
DMSO	67-68-5	< 5.0
N, N'-Bis (polyoxy ethylene)- p-toluene sulfonic acid amide	63413-83-2	< 5.0
Triethanolamine	102-71-6	< 3.0
Nonionic Surfactant (Not contain Nonyl phenol)	68002-97-1, 69011-36-5	< 2.0
Coloring Dyes	-	<20.0
Purified Water	7732-18-5	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.

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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
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 ³
Volatile	30 to 60 %

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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.

16. OTHER INFORMATION

Keep out reach of baby or children.

For further information, please contact us.