

**SAFETY DATA SHEET**

According to EC Directive 91/155/EEC

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**Trade name: LEPEN INK No.78 Orchid**Serial No. **150727-15**

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.78 Orchid

**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 Blue 9	Trade Secret	< 0.1
C. I. Acid Red 52	Trade Secret	0.1 to 0.5
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.

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**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

Odour

non

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**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.

**16. OTHER INFORMATION**

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Keep out reach of baby or children.  
For further information, please contact us.