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**SAFETY DATA SHEET**

According to EC Directive 91/155/EEC

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**Trade name: LEPEN INK No.15 Olive Green**Serial No. **150727-11**  
Version **1.2**Revision Date  
Print Date**Nov.18.2020**  
**Nov.18.2020****1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING****Identification of the product**

Product name : LEPEN INK No.15 Olive 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 Black 2                             | Trade Secret | 1.0 to 1.5    |
| C. I. Direct Blue 87                           | Trade Secret | 1.0 to 1.6    |
| C. I. Acid Yellow 23                           | Trade Secret | 0.1 to 0.2    |
| C. I. Acid Yellow 42                           | Trade Secret | 3.5 to 3.8    |
| Dimethyl sulfoxide                             | Trade Secret | 3.0 to 5.0    |
| Diethylene glycol                              | Trade Secret | 15.0 to 18.0  |
| Nonionic Surfactant (Not contain Nonyl phenol) | Trade Secret | 1.0 to 2.0    |
| Triethanolamine                                | Trade Secret | 0.5 to 1.5    |
| 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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**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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**Nov.18.2020****15. REGULATORY INFORMATION**

Not available.

**16. OTHER INFORMATION**

Keep out reach of baby or children.

For further information, please contact us.