

SAFETY DATA SHEET

According to EC Directive 91/155/EEC page. 1/6

Trade name: #3000 LEPLUME PERMANENT INK SERIES 141COLORSSerial No. 120215-1
Version 1.14Revision Date Nov.04.2020
Print Date Nov.04.2020**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING****Identification of the product**

Product name : #3000 LEPLUME PERMANENT INK SERIES 141COLORS

Company/undertaking identificationCompany : 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 marker.

2. HAZARDS IDENTIFICATION**Distinction between single-product mixture**

Mixture

Chemical Name

Alcohol solution of organic dyes

Generic Name

Alcohol solution of organic dyes

Alias

Oil solution

Components and content

Ethanol, Isopropyl alcohol, Methyl Cellosolve, Resin and Activator.

Chemical Properties

Ignitable.

CAS NO.

64-17-5, 67-63-0 and 109-86-4, etc.

Hazardous Components

Ethanol, Isopropyl alcohol and Methyl cellosolve, etc.

Hazardous Impurities

No information.

GHS CLASSIFICATION

Health

Acute Toxicity:	Category 5
Skin irritation:	Unclassifiable
Eye:	Category 2A

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Carcinogenicity: Unclassifiable
 Reproductive toxicity: Category 1
 Environmental
 Acute Toxicity: Unclassifiable
 Chronic Toxicity: Unclassifiable

Hazard Pictograms

Signal Word: Dangerous
 Hazard and Toxicity Information: Highly flammable liquids and vapors

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS#	Content (wt%)
Acid Yellow 23	Trade Secret	0.0 to 0.3
Acid Yellow 42	Trade Secret	0.0 to 0.4
Basic Yellow 40	Trade Secret	0.0 to 1.2
Solvent Yellow 2	Trade Secret	0.0 to 1.2
Solvent Yellow 16	Trade Secret	0.0 to 0.3
Basic Blue 1	Trade Secret	0.0 to 1.3
Basic Blue 7	Trade Secret	0.0 to 1.1
Solvent Blue 5	Trade Secret	0.0 to 0.1
Basic Red 1	Trade Secret	0.0 to 2.0
Basic Violet 10	Trade Secret	0.0 to 0.1
Basic Orange 2	Trade Secret	0.0 to 0.7
Solvent Black 7	Trade Secret	0.0 to 8.0
Rosin modified resin		10.0 to 13.0
Ethanol	Trade Secret	} 79.9 to 86.0
Denatured alcohol (IPA)	Trade Secret	
Cellosolve	Trade Secret	

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4. FIRST AID MEASURES**Inhalation**

Promptly remove the patient to a place of refresh air.

Skin contact

Immediately rinse through with soap and water.

Eye contact

Immediately rinse the damaged eye with plenty of water and call on physician.

Ingestion

Attention is necessary not to discard the used pen in a fire.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Water spray, foam, powder, and carbon dioxide.

Specific hazards during fire fighting

There is a risk of explosion in the combustion product gas and the like Cox.

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

Or discharge of wastewater into water bodies, to prevent underground seepage.

Methods for cleaning up

Wipe the material with cloth and wash water.

7. HANDLING AND STORAGE**Handling**

Wear suitable protective clothing and gloves.

Storage

Proper ventilation is desirable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Personal protective equipment****Hand protection**

protective gloves

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Eye protection

safety glasses with side-shields

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Form Liquid
 Colour coloured
 Odour alcohol odor

Safety data

pH value not available
 Boiling point/range 78.3°C
 Solubility in water insoluble
 Flash point 13.0°C
 Density 0.83g/m³

10. STABILITY AND REACTIVITY**Materials to avoid**

Solvent-soluble material

Hazardous reactions

It is stable in a place where not too high temperature.

11. TOXICOLOGICAL INFORMATION

The following data are classified based on the data we were able to collect data for our constituents.

Acute toxicity:	Acute oral toxicity LD ₅₀ :	5078mg/kg ⁽¹⁾
	Acute dermal toxicity LD ₅₀ :	4059mg/kg ⁽²⁾
	Acute inhalation toxicity LD ₅₀ :	14814ppm ⁽³⁾
Irritation/Skin corrosion:	No information	
Irritation/Serious damage to the eye:	Strong irritant ⁽⁴⁾	
Skin sensitization:	No information	
Respiratory organ sensitization:	No information	
Germ cell mutagenicity:	Materials with the possibility of hereditary diseases ⁽⁵⁾	
Carcinogenicity:	No information	
Reproductive toxicity:	No reproductive or include it with the 56.0% material adverse effects to the fetus ⁽⁶⁾	
Organ/ systemic toxicity specific target (single exposure):		

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Substances that organ failure⁽⁷⁾

Organ/ systemic toxicity specific target (repeated exposure):

Or long-term failure of organ substances that repeated exposure⁽⁸⁾

Respiratory aspiration hazard:

Swallowing, with the possibility of harmful substance from entering the Airways⁽⁹⁾

References: National Institute of Technology and Evaluation GHS Database and classification result, MSDS material

(1) Ethanol 6200mg/kg, Isopropyl alcohol 3437mg/kg, Resin 5000mg/kg

(2) Isopropyl alcohol 4059mg/kg

(3) Ethanol 12500ppm, Isopropyl alcohol 29620ppm

(4) Ethanol 56.0%, Isopropyl alcohol 18.0%

(5) Ethanol

(6) Ethanol

(7) Isopropyl alcohol

(8) Ethanol

(9) Isopropyl alcohol

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

International Rules (as marker)

UN Classification: Not applicable

UN number: Not applicable

UN Name: Not applicable

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Version **1.14**Revision Date **Nov.04.2020**
Print Date **Nov.04.2020****15. REGULATORY INFORMATION**

Not available.

16. OTHER INFORMATION

Keep out reach of baby or children.

For further information, please contact us.