

100157E

MITSUBISHI PENCIL CO., LTD.

[Date of issue]: 2017/05/19

## SAFETY DATA SHEET

19994-3727

## 1. Product and Company Identification

[Product name] PC-1M Red wine

[File No.] 100157E

[Date of issue] 2017/05/19

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN

Telephone number: 03-3458-6281      telefax number: 03-3450-0363  
(Only office hour are available.)

## 2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

## PHYSICO-CHEMICAL HAZARDS

Not applicable.

## HEALTH HAZARDS

Acute toxicity(oral)	: Not classified
Acute toxicity(skin)	: Not classified
Acute toxicity(inhalation steam)	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/Eye Irritation	: Category2
Respiratory sensitizer	: Classification not possible
Skin sensitizer	: Classification not possible
Germ cell mutagenicity	: Category1
Carcinogenicity	: Category2
Toxic to reproduction	: Category1
Specific target organ systemic toxicity(single exposure)	: Category1
Specific target organ systemic toxicity(repeated exposure)	: Category1
Aspiration hazard	: Not classified

## ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute)	: Not classified
Hazard to the Aquatic Environment (Chronic)	: Not classified

[Label elements]

Pictogram



Signal Word

: Danger

Hazard Statement

: Causes serious eye damage
: May cause genetic defects
: Suspected of causing cancer
: May damage fertility or the unborn child
: Causes damage to organs
: Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

: Do not breathe dust/vapours etc..

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- : Do not eat, drink or smoke when using this product.
- : Use personal protective equipment as required. (Refer to Section 8)
- : Get medical advice/attention if you feel unwell.
- : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- : IF exposed or concerned: Get medical advice/attention.
- : If eye irritation persists: Get medical advice/attention.
- : Dispose in accordance with all current regulations and standards.

[Other hazards]

No information available.

### 3. Composition/information on ingredients

[The chemical product is a substance or a mixture]		Mixture
[Chemical nature]	[Component parts]	Ink
Chemical name	Cas No.	Concentration range(wt%)
Water	7732-18-5	50-80
Titanium dioxide	13463-67-7	10-30
1,2-Ethandiol	107-21-1	< 10
Ethanol	64-17-5	< 10
1-Propanol	71-23-8	< 1
2-Propanol	67-63-0	< 1
Carbon black	1333-86-4	< 1

### 4. First aid measures

[Description of first aid measures]

- Eye contact**
  - : Flush eyes with plenty of water for at least 15 minutes.
  - : Take off the contact lens if possible
  - : Consult medical advice depending on the symptoms.
- Skin contact**
  - : Wash skin.
  - : Consult medical advice depending on the symptoms.
  - : Thoroughly clean and dry contaminated clothing and shoes before reuse.
- Ingestion**
  - : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion.
  - : Consult medical advice depending on the symptoms.
- Inhalation**
  - : Due to its low vapor pressure inhalation is unlikely at room temperature.
  - : If not feeling well, move to an area of fresh air and rest.
  - : Consult medical advice depending on the symptoms.

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

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**5. Firefighting measures**

[Extinguishing media]	Regular dry chemical, carbon dioxide, water, regular foam
[Special hazards arising from the substance or mixture]	No further relevant information available.
[Advice for firefighters]	Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products. Wear suitable protective equipment.

**6. Accidental release measures**

[Personal precautions, protective equipment and emergency procedures]	Rope off the area to contain the leak and prohibit entrance except for authorized persons. Wear appropriate protection gear. Do not work in the leeward.
[Environmental precautions]	Collect leaked material in empty container after leading outflow to a safe area containing earth and sand. Do not allow leaked material to pollute rivers, lakes, etc.
[Methods and material for containment and cleaning up]	Wipe off by dry cloth and wash with water. Dispose of pollution or waste in accordance with national, state and local regulations.
[Reference to other sections]	No information available.

**7. Handling and storage**

[Precautions for safe handling]	Do not lick or swallow the ink. Avoid contact with skin and eyes. Recap after use (if there is a cap), and keep out of the reach of infants.
[Conditions for safe storage, including any incompatibilities]	Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight. Recommended temperature : 0-40°C
[Specific end use(s)]	No information available.

**8. Exposure controls/personal protection**

[Control parameters]		
Chemical name	OSHA	ACGIH
Titanium dioxide	-	(TWA)10mg/m3
Ethanol	-	(TWA)1000ppm
1,2-Ethanediol	-	(STEL)100mg/m3
[Exposure controls]		
Protective equipment	:	Not required.
Respiratory protection	:	Not required.
Hands protection	:	Not required.
Eye protection	:	Not required.
Skin protection	:	Not required.

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**9. Physical and chemical properties****[Information on basic physical and chemical properties]**

Color	: Red wine
State	: Liquid
Odor	: No information available.
pH	: about 8.1
Boiling point	: No information available.[Water 100.0°C]
Melting point	: No information available.
Flash point	: No information available.
Autoignition temperature	: No information available.
Explosion limits	: No information available.
Vapor density(air=1)	: No information available.
Density	: about 1.2
Solubility in water	: soluble
Evaporation rate	: No information available.
Volatile	: >60%
<b>[Other information]</b>	<b>No information available.</b>

**10. Stability and reactivity**

<b>[Chemical stability]</b>	This mixture is stable in normal temperature, a condition of the pressure.
<b>[Reactivity]</b>	No data available.
<b>[Conditions to avoid]</b>	Avoid heat, flames, sparks and other sources of ignition. Avoid direct sunlight and high temperature.
<b>[Incompatible materials]</b>	No information available.
<b>[Hazardous decomposition products]</b>	No information available.
<b>[Possibility of hazardous reactions]</b>	No information available.

**11. Toxicological information****[Information on toxicological effects]**

<b>Acute toxicity(oral)</b>	
Not classified	: >2000 mg/kg (estimate value)
<b>Acute toxicity(skin)</b>	
Not classified	: >2000 mg/kg (estimate value)
<b>Acute toxicity(inhalation:vapours)</b>	
Not classified	: >20 mg/L (estimate value)
<b>Skin corrosion/irritation</b>	
No information available.	
<b>Serious eye damage/Eye Irritation</b>	
Titanium dioxide	: Category2B
Ethanol	: Category2A
1,2-Ethanediol	: Category2B
<b>Respiratory sensitizer</b>	
No information available.	

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**Skin sensitizer**

No information available.

**Germ cell mutagenicity**

Ethanol : Category1B

**Carcinogenicity**

Carbon black : Category2

1-Propanol : Category2

**Toxic to reproduction**

2-Propanol : Category2

Ethanol : Category1A

1-Propanol : Category2

**Specific target organ systemic toxicity(single exposure)**

1,2-Ethanediol : Category1

**Specific target organ systemic toxicity(repeated exposure)**

Titanium dioxide : Category1

Ethanol : Category1

1,2-Ethanediol : Category1

**Aspiration hazard**

No information available.

**Hazard to the Aquatic Environment (Acute)**

No information available.

**Hazard to the Aquatic Environment (Chronic)**

No information available.

**12. Ecological information**

No information available.

**13. Disposal considerations****[Waste treatment methods]**

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

**14. Transport information****[Environmental hazards]**

No information available.

**[HS Code]**

960820

**[Special precautions for user]**

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take caution against collapse of container.

**15. Regulatory information**

Follow all regulation in your country.

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**[Chemical safety assessment]****Ink or lead are manufactured in accordance with ISO 8124-3 "Safety of Toys - Part 3"****16. Other information**

- **The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.**
- **This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.**