

# SAFETY DATA SHEET

## 1. Product and Company Identification

[Product name] PWE-5M/8K/17K Fluorescent-yellow (AUS)

[File No.] 100183E

[Date of issue] 2015/10/16

[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.)

[Details of Supplier]

Supplier's name: Mitsubishi Pencil Australia (ABN:31 085 515 671)

Address: 674 Lorimar Street, Port Melbourne VIC 3207

Telephone number: 03 9646 5630  
(Only office hour are available.)

Emergency phone number: 03 9646 5630

## 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	: Classification not possible
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

- : 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..
- : 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
Additive	Trade secret	10-30
Resin	Trade secret	10-30
1,2-Ethanediol	107-21-1	<10
Titanium dioxide	13463-67-7	<10
Coloring agent	Trade secret	<10
Silica(amorphous)	Trade secret	<10
2-Propanol	67-63-0	<1
Ethanol	64-17-5	<1
Polyethylene glycol nonylphenyl ether	9016-45-9	<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.

#### 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/m <sup>3</sup>
1,2-Ethenediol	–	(STEL)100mg/m <sup>3</sup>

### [Exposure controls]

Protective equipment	: Not required.
Respiratory protection	: Not required.
Hands protection	: Not required.
Eye protection	: Not required.
Skin protection	: Not required.

## 9. Physical and chemical properties

### [Information on basic physical and chemical properties]

Color	: Yellow
State	: Liquid
Odor	: No information available.
pH	: about 8.0
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	: No information available.
Evaporation rate	: No information available.
Volatile	: >50%

### [Other information]

No information available.

## 10. Stability and reactivity

### [Chemical stability]

This mixture is stable in normal temperature, a condition of the pressure.

### [Reactivity]

No data available.

### [Conditions to avoid]

Avoid heat, flames, sparks and other sources of ignition.

Avoid direct sunlight and high temperature.

[Incompatible materials]	No information available.
[Hazardous decomposition products]	No information available.
[Possibility of hazardous reactions]	No information available.

## 11. Toxicological information

### [Information on toxicological effects]

#### Acute toxicity(oral)

Not classified : >2000 mg/kg (estimate value)

#### Acute toxicity(skin)

Not classified : >2000 mg/kg (estimate value)

#### Acute toxicity(inhalation:vapours)

Not classified : >20 mg/L (estimate value)

#### Skin corrosion/irritation

No information available.

#### Serious eye damage/Eye Irritation

Titanium dioxide : Category2B

1,2-Ethanediol : Category2B

#### Respiratory sensitizer

No information available.

#### Skin sensitizer

No information available.

#### Germ cell mutagenicity

Ethanol : Category1B

#### Carcinogenicity

No information available.

#### Toxic to reproduction

Polyethylene glycol nonylphenyl ether : Category2

2-Propanol : Category2

Ethanol : Category1A

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

1,2-Ethanediol : Category1

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

Titanium dioxide : 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

TSCA : Listed on the TSCA inventory or polymer substance.

[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.