

# SAFETY DATA SHEET

## 1. Product and Company Identification

[Product name] UBA-188-M/L Black (AUS)

[File No.] 300152E

[Date of issue] 2016/11/30

[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	: Category3
Serious eye damage/Eye Irritation	: Category2
Respiratory sensitizer	: Classification not possible
Skin sensitizer	: Category1
Germ cell mutagenicity	: Classification not possible
Carcinogenicity	: Category2
Toxic to reproduction	: Classification not possible
Specific target organ systemic toxicity(single exposure)	: Category1
Specific target organ systemic toxicity(repeated exposure)	: Category1
Aspiration hazard	: Classification not possible

### ENVIRONMENTAL HAZARDS

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

[Label elements]

Pictogram



Signal Word : Danger

Hazard Statement : Causes mild skin irritation  
: Causes serious eye damage

- : May cause an allergic skin reaction
- : Suspected of causing cancer
- : 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.
- : Wash contaminated clothing before reuse.
- : IF ON SKIN: Wash with plenty of soap and water.
- : 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 skin irritation occurs: Get medical advice/attention.
- : If skin irritation or rash occurs: 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
1,2-Ethanediol	107-21-1	10-30
Carbon black	1333-86-4	< 10
Glycerine	56-81-5	< 10
Triethanolamine	102-71-6	< 10

### 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. Don't shake.
[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
Carbon black	-	(TWA)3.5mg/m <sup>3</sup>
1,2-Ethandiol	-	(STEL)100mg/m <sup>3</sup>
Glycerine	-	(TWA)10mg/m <sup>3</sup>
Triethanolamine	-	(TWA)5mg/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	: Black
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.[1,2-Ethenediol 111.0°C]
Autoignition temperature	: No information available.[1,2-Ethenediol 398.0°C]
Explosion limits	: No information available.
Vapor density(air=1)	: No information available.
Density	: about 1.1
Solubility in water	: No information available.
Evaporation rate	: No information available.
Volatile	: >80%

[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

1,2-Ethanediol : Category3

Triethanolamine : Category2

## Serious eye damage/Eye Irritation

1,2-Ethanediol : Category2B

Triethanolamine : Category2A

## Respiratory sensitizer

No information available.

## Skin sensitizer

Triethanolamine : Category1

## Germ cell mutagenicity

No information available.

## Carcinogenicity

Carbon black : Category2

## Toxic to reproduction

No information available.

## Specific target organ systemic toxicity(single exposure)

1,2-Ethanediol : Category1

## Specific target organ systemic toxicity(repeated exposure)

Carbon black : 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]

960810

[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.

[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.

# SAFETY DATA SHEET

## 1. Product and Company Identification

[Product name] UBA-188-M/L Blue (AUS)

[File No.] 300154E

[Date of issue] 2016/11/30

[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	: Category3
Serious eye damage/Eye Irritation	: Category2
Respiratory sensitizer	: Classification not possible
Skin sensitizer	: Category1
Germ cell mutagenicity	: Classification not possible
Carcinogenicity	: Classification not possible
Toxic to reproduction	: Classification not possible
Specific target organ systemic toxicity(single exposure)	: Category1
Specific target organ systemic toxicity(repeated exposure)	: Category1
Aspiration hazard	: Classification not possible

### ENVIRONMENTAL HAZARDS

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

[Label elements]

Pictogram



Signal Word

: Danger

Hazard Statement

: Causes mild skin irritation  
: Causes serious eye damage

- : May cause an allergic skin reaction
- : 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.
- : Get medical advice/attention if you feel unwell.
- : Wash contaminated clothing before reuse.
- : IF ON SKIN: Wash with plenty of soap and water.
- : 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 skin irritation occurs: Get medical advice/attention.
- : If skin irritation or rash occurs: 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
1,2-Ethenediol	107-21-1	10-30
1,2-Propanediol	57-55-6	< 10
Glycerine	56-81-5	< 10
Triethanolamine	102-71-6	< 10

### 4. First aid measures

[Description of first aid measures]

- |              |   |
|--------------|---|
| Eye contact  | : Flush eyes with plenty of water for at least 15 minutes.<br>: Take off the contact lens if possible<br>: Consult medical advice depending on the symptoms.  |
| Skin contact | : Wash skin.<br>: Consult medical advice depending on the symptoms.<br>: 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.<br>: Consult medical advice depending on the symptoms. |
| Inhalation   | : Due to its low vapor pressure inhalation is unlikely at room temperature.<br>: If not feeling well, move to an area of fresh air and rest.<br>: 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. Don't shake.
[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
1,2-Ethanediol	-	(STEL)100mg/m <sup>3</sup>
Glycerine	-	(TWA)10mg/m <sup>3</sup>
Triethanolamine	-	(TWA)5mg/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	: Blue
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.[1,2-Ethenediol 111.0°C]
Autoignition temperature	: No information available.[1,2-Ethenediol 398.0°C]
Explosion limits	: No information available.
Vapor density(air=1)	: No information available.
Density	: about 1.1
Solubility in water	: No information available.
Evaporation rate	: No information available.
Volatile	: >80%

[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

1,2-Ethanediol : Category3

Triethanolamine : Category2

## Serious eye damage/Eye Irritation

1,2-Ethanediol : Category2B

Triethanolamine : Category2A

## Respiratory sensitizer

No information available.

## Skin sensitizer

Triethanolamine : Category1

## Germ cell mutagenicity

No information available.

## Carcinogenicity

No information available.

## Toxic to reproduction

No information available.

## Specific target organ systemic toxicity(single exposure)

1,2-Ethanediol : Category1

## Specific target organ systemic toxicity(repeated exposure)

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] 960810

[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.

[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.

# SAFETY DATA SHEET

## 1. Product and Company Identification

[Product name] UBA-188-M/L Red (AUS)

[File No.] 300153E

[Date of issue] 2016/11/30

[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	: Category3
Serious eye damage/Eye Irritation	: Category2
Respiratory sensitizer	: Classification not possible
Skin sensitizer	: Category1
Germ cell mutagenicity	: Classification not possible
Carcinogenicity	: Classification not possible
Toxic to reproduction	: Classification not possible
Specific target organ systemic toxicity(single exposure)	: Category1
Specific target organ systemic toxicity(repeated exposure)	: Category1
Aspiration hazard	: Classification not possible

### ENVIRONMENTAL HAZARDS

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

[Label elements]

Pictogram



Signal Word : Danger

Hazard Statement : Causes mild skin irritation  
: Causes serious eye damage

- : May cause an allergic skin reaction
- : 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.
- : Get medical advice/attention if you feel unwell.
- : Wash contaminated clothing before reuse.
- : IF ON SKIN: Wash with plenty of soap and water.
- : 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 skin irritation occurs: Get medical advice/attention.
- : If skin irritation or rash occurs: 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
1,2-Ethanediol	107-21-1	10-30
1,2-Propanediol	57-55-6	< 10
Glycerine	56-81-5	< 10
Triethanolamine	102-71-6	< 10

### 4. First aid measures

[Description of first aid measures]

- |              |   |
|--------------|---|
| Eye contact  | : Flush eyes with plenty of water for at least 15 minutes.<br>: Take off the contact lens if possible<br>: Consult medical advice depending on the symptoms.  |
| Skin contact | : Wash skin.<br>: Consult medical advice depending on the symptoms.<br>: 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.<br>: Consult medical advice depending on the symptoms. |
| Inhalation   | : Due to its low vapor pressure inhalation is unlikely at room temperature.<br>: If not feeling well, move to an area of fresh air and rest.<br>: 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. Don't shake.
[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
1,2-Ethanediol	-	(STEL)100mg/m <sup>3</sup>
Glycerine	-	(TWA)10mg/m <sup>3</sup>
Triethanolamine	-	(TWA)5mg/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	: Red
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.[1,2-Ethenediol 111.0°C]
Autoignition temperature	: No information available.[1,2-Ethenediol 398.0°C]
Explosion limits	: No information available.
Vapor density(air=1)	: No information available.
Density	: about 1.1
Solubility in water	: No information available.
Evaporation rate	: No information available.
Volatile	: >80%

[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

1,2-Ethanediol : Category3

Triethanolamine : Category2

## Serious eye damage/Eye Irritation

1,2-Ethanediol : Category2B

Triethanolamine : Category2A

## Respiratory sensitizer

No information available.

## Skin sensitizer

Triethanolamine : Category1

## Germ cell mutagenicity

No information available.

## Carcinogenicity

No information available.

## Toxic to reproduction

No information available.

## Specific target organ systemic toxicity(single exposure)

1,2-Ethanediol : Category1

## Specific target organ systemic toxicity(repeated exposure)

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] 960810

[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.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with ISO 8124-3 "Safety of Toys – Part 3"

## 16. Other information

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