

# SAFETY DATA SHEET according to Regulation (EC) No.1907/2006

## 1. Product and Company Identification

[Product name] BLUE INK for PIN-200(S)\_01/02/03/04/05/08

[File No.] 103040B

[Date of issue] 2018/07/12

### [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 France S.A

Address: 32 Avenue Pierre Grenier, 92517 BOULOGNE BILLANCOURT CEDEX, FRANCE

Telephone number: 33 (1) 46 94 33 33      telefax number: 33 (1) 46 94 33 00  
(Only office hour are available.)

Emergency phone number: 33 (1) 46 94 33 33

## 2. Hazards identification

[Classification of the substance or mixture] Classification (REGULATION (EC) No 1272/2008)

### HEALTH HAZARDS

Skin sensitizer : Category1

[Label elements] Classification (REGULATION (EC) No 1272/2008)

Pictogram :



Signal Word : Warning

Hazard Statement : May cause an allergic skin reaction

Precautionary Statement

- : Do not breathe dust/vapours etc..
- : Wash contaminated clothing before reuse.
- : IF ON SKIN: Wash with plenty of soap and water.
- : If skin irritation or rash occurs: 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%)	Classification (REGULATION (EC) No 1272/2008)
Water	7732-18-5		50-80	
Glycerine	56-81-5		10-30	
1,2-Ethanediol	107-21-1		< 10	Acute Tox.4; H302
1,2-Benzoisothiazol-3(2H)-one	2634-33-5		< 1	Acute Tox.4; H302 Skin Irrit.2; H315 Eye Dam.1; H318 Skin Sens.1; H317 Aquatic Acute1; H400

### 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 with soap and water for at least 15 minutes while removing contaminated clothing and shoes.  
: 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, 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.

Use a container to fill up at the time of shipment.

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-Ethenediol	-	(STEL)100mg/m <sup>3</sup>
Glycerine	-	(TWA)10mg/m <sup>3</sup>

### [Exposure controls]

Protective equipment	: Not required.
Respiratory protection	: Not required.
Hands protection	: It is not particularly necessary, but the person of the erethism recommends in particular the wearing of protection gloves from an aspect of the contact defense.
Eye protection	: It is not particularly necessary, but the person of the erethism recommends in particular the wearing of protection glasses from an aspect of the contact defense.
Skin protection	: It is not particularly necessary, but the person of the erethism recommends in particular the wearing of protection clothes from an aspect of the contact defense.

## 9. Physical and chemical properties

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

Color	: Blue
State	: Liquid
Odor	: No information available.
pH	: about 9.2
Boiling point	: No information available. [Water 100.0°C]
Melting point	: No information available.
Flash point	: No information available. [Glycerine 177.0°C]
Autoignition temperature	: No information available.
Explosion limits	: No information available.
Vapor density (air=1)	: No information available.
Density	: about 1.1
Solubility in water	: soluble
Evaporation rate	: No information available.
[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	: >5000 mg/kg (estimate value)
Acute toxicity (skin)	
Classification not possible	: No information available.
Acute toxicity (inhalation: vapours)	
Classification not possible	: No information available.
Skin corrosion/irritation	
No information available.	
Serious eye damage/Eye Irritation	
No information available.	
Respiratory sensitizer	
No information available.	
Skin sensitizer	
1,2-Benzoisothiazol-3(2H)-one	: Category 1
Germ cell mutagenicity	
No information available.	

## Carcinogenicity

No information available.

## Toxic to reproduction

No information available.

## Specific target organ systemic toxicity(single exposure)

No information available.

## Specific target organ systemic toxicity(repeated exposure)

No information available.

## 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

[Toxicity for fish] No information available.

[Toxicity for crustaceans] No information available.

[Toxicity for algae] No information available.

[Persistence and degradability]  
No information available.

[Bioaccumulative potential] No information available.

[Mobility in soil] No information available.

[Results of PBT and vPvB assessment]  
No information available.

[Other adverse effects] 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

[Transport hazard class(es)] Not applicable.

[UN number, proper shipping name]

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[Packing group] No information available.

[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

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

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.

H302–Harmful if swallowed

H315–Causes skin irritation

H317–May cause an allergic skin reaction

H318–Causes serious eye irritation

H400–Very toxic to aquatic life