

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] **BLACK INK for JETSTREAM Black 1.0/0.7/0.5mm**

[File No.] 301127E

[Date of issue] 2019/12/25

[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

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Flammable Liquids : Category4

HEALTH HAZARDS

Acute toxicity(oral) : Not classified

Acute toxicity(skin) : Not classified

Acute toxicity(inhalation steam) : Not classified

Skin corrosion/irritation : Classification not possible

Serious eye damage/Eye Irritation : Not classified

Respiratory sensitizer : Classification not possible

Skin sensitizer : Classification not possible

Germ cell mutagenicity : Classification not possible

Carcinogenicity : Classification not possible

Toxic to reproduction : Classification not possible

Specific target organ systemic toxicity(single exposure) : Classification not possible

Specific target organ systemic toxicity(repeated exposure) : Classification not possible

Aspiration hazard : Classification not possible

ENVIRONMENTAL HAZARDS

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

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

[Label elements]

Pictogram : Not applicable.

Signal Word : Warning

Hazard Statement : Combustible liquid

Precautionary Statement

: Keep away from heat/sparks/open flames/hot surfaces. -No smoking.

: Keep cool.

: In case of fire: Use appropriate means for fire extinguishing in accordance with all current regulations and standards.

: Store in a well-ventilated place. Keep cool.

: 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%)
Carbon black	1333-86-4	< 10
Glycerine	56-81-5	< 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
 : Then get medical attention immediately.
- 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 : Consult medical advice, and show the SDS to physician.
 : Never give anything by mouth. If vomiting occurs, keep head lower than hips to help prevent aspiration.
- Inhalation : Remove from exposure area to fresh air immediately. Give artificial respiration if not breathing.
 : Consult medical advice, and show the SDS to physician.

[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]

Avoid contact with skin and eyes.

Ventilate the room in case of using and don't breathe the vapor.

Recap after use, and keep out of the reach of infants.

Do not lick or swallow.

[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
Carbon black	-	(TWA)3.5mg/m ³
Glycerine	-	(TWA)10mg/m ³

[Exposure controls]

Protective equipment	: Ventilate the room in case of using it and don't breathe the vapor. Do mechanical exhaust as needed.
Respiratory protection	: Wear a tool for protection for breathing by all means.
Hands protection	: Wear solvent-resistant-related protection gloves by all means.
Eye protection	: Wear protection glasses by all means.
Skin protection	: Wear solvent-resistant-related protection clothes by all means.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color	: Black
State	: Liquid
Odor	: slight odor
pH	: No information available.
Boiling point	: No information available.
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	: about1.1
Solubility in water	: No information available.
Evaporation rate	: No information available.
Volatile	: >60%
[Other information]	No information available.

10. Stability and reactivity

[Chemical stability]	This mixture is stable in normal temperature and 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)

Not classified : >5000 mg/kg (estimate value)

Acute toxicity(inhalation:vapours)

Not classified : >50 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

No information available.

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

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

[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]

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[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 :2010 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.