

87344-XXXX

INK for uni POSCA Mop' r all color US, Mitsubishi Pencil Co., LTD., Jan/25/2023

Date of issue: Jan/25/2023

Safety Data Sheet

Section 1. Identification

【Product identifier】

Product name: INK for uni POSCA Mop' r all color

[Product No.] PCM-22

[INK color] Black/Blue/ Red/ Green/ White/ Yellow/ Light blue/ Pink

【Recommended use of the chemical and restrictions on use】

[Recommended use] Writing instrument

[Restriction on use] No data available.

【Details of the supplier】

【Manufacturer】

Company name: Mitsubishi Pencil Co., LTD.

Address: 5-23-37, Higashi-Ohi, Shinagawa-ku, Tokyo, Japan

Telephone number: +81-3-3458-6964

FAX: +81-3-3458-3713

Section 2. Hazards identification

【Classification according to Hazard Communication Standard – 2012 (29 CFR 1910.1200)】

【PHYSICAL AND CHEMICAL HAZARDS】

Flammable liquids: Category 3

(Note) GHS classification without description: Not classified/Classification not possible

【Label elements】

Labelling according to Hazard Communication Standard – 2012 (29 CFR 1910.1200)

Hazard Symbols:



Signal word: Warning

HAZARD STATEMENT

H226 Flammable liquid and vapor

PRECAUTIONARY STATEMENT

Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting equipment.

P242 Use non-sparking tools.

P243 Take action to prevent static discharges.

P280 Wear protective gloves and face protection.

Response

P370 + P378 In case of fire: Use appropriate media to extinguish.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water or shower.

Storage

P403 Store in a well-ventilated place. P235 Keep cool.

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Disposal

P501 Dispose of contents/container in accordance with local/national regulation.

Section 3. Composition/information on ingredients

【Mixture/Substance】 Mixture

Ingredient name	CAS No.	Content (%)
Water	7732-18-5	< 80
Ethyl alcohol	64-17-5	< 5
Isopropyl alcohol	67-63-0	< 5

Section 4. First-aid measures

【Descriptions of first-aid measures】

【IF INHALED】

Get medical advice/attention if you feel unwell.

【IF ON SKIN (or hair)】

Take off immediately all contaminated clothing. Rinse skin with water or shower.

Wash contaminated clothing before reuse.

Gently wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention.

If you observe unusual symptom, have irritation/pain and/or feel unwell, seek medical advice.

【IF IN EYES】

Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

【IF SWALLOWED】

Rinse mouth with water. Give the person one or two glasses of water.

Get medical advice/attention if you feel unwell.

【Most important symptoms and effects, both acute and delayed】

No data available..

【Indication of any immediate medical attention and special treatment needed】

No data available..

Section 5. Fire-fighting measures

【Extinguishing media】

【Suitable extinguishing media】

In case of fire, use water mist, foam, dry powder, CO2 to extinguish.

【Unsuitable extinguishing media】

No data available.

【Specific hazards arising from the substance or mixture】

No data available.

【Advice for firefighters】

【Specific fire-fighting measures】

Fight fire with normal precautions from a reasonable distance.

Shut off fuel to fire if possible to do so without hazard.

【Special protective equipment and precautions for fire-fighters】

Wear protective gloves/protective clothing/eye protection/face protection.

Firefighters should wear self-contained breathing apparatus with full face piece operated positive pressure mode.

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Section 6. Accidental release measures

【Personnel precautions, protective equipment and emergency procedures】

Keep unauthorized personnel away.
Wear proper protective equipment.
Stand at upwind. Evacuate personnel at downwind.

【Environmental precautions】

Prevent spills from entering sewers, watercourses or low areas.

【Methods and materials for containment and cleaning up】

Absorb spill with inert material (dry sand, earth, et al), then place in a chemical waste container.

【Preventive measures for secondary accident】

Collect spillage.
Consult an expert on the disposal of recovered material.
Stop leak if safe to do so.

Section 7. Handling and storage

【Precautions for safe handling】

[Preventive measures]

(Exposure Control for handling personnel)

Do not breathe vapors/fume.

(Protective measures against fire and explosion)

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

[Safety Measures]

Use personal protective equipment as required.

[Advice on general occupational hygiene]

Do not get in eyes, on skin, or on clothing.

Wash contaminated parts thoroughly after handling.

Do not eat, drink or smoke when using this product.

【Storage】

[Conditions for safe storage]

Keep container tightly closed.

Protect from sunlight. Store in a well-ventilated place.

[Incompatibilities] No data available.

[Container and packaging materials for safe handling]

Keep only in original packaging.

【Specific end use(s)】

No data available.

Section 8. Exposure controls/personal protection

【Control parameters】

[Adopted value]

(Ethyl alcohol)

ACGIH(2009) STEL: 1000ppm (URT irr)

(Isopropyl alcohol)

ACGIH(2001) TWA: 200ppm;

STEL: 400ppm (Eye & URT irr; CNS impair)

OSHA-PEL

(Ethyl alcohol)

TWA: 1000ppm, 1900mg/m³

(Isopropyl alcohol)

TWA: 400ppm, 980mg/m³

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NIOSH-REL

(Ethyl alcohol)
TWA: 1000ppm
(Isopropyl alcohol)
TWA: 400ppm; STEL: 500ppm

【Exposure controls】

[Appropriate engineering controls]

Do not use in areas without adequate ventilation.

[Individual protection measures]

(Hand protection)

Wear protective gloves.

(Eye protection)

Wear eye/face protection.

(Skin and body protection)

Wear protective clothing.

Section 9. Physical and Chemical Properties

【Information on basic physical and chemical properties】

Physical state	Liquid
Color	Various
Odor	Moderate odor
Odor threshold	No data available.
Melting point/Freezing point	No data available.
Boiling point or initial boiling point	No data available. (Ethyl alcohol) 79°C
Boiling range	No data available.
Flammability (gases, liquids and solids)	No data available.
Lower and upper explosion limit/flammability limit	No data available.
Flash point	42.5°C(Tag closed cup method) *No continuous combustion
Evaporation rate	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Self-Accelerating Decomposition Temperature/SADT	No data available.
pH	about 8.0
Dynamic viscosity	No data available.
Kinematic viscosity	No data available.
Solubility in water	No data available.
Solubility in solvent	No data available.
n-Octanol/water partition coefficient	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Density and/or relative density	No data available.
Relative vapor density (Air=1)	No data available.
Relative density of the Vapor/air - mixture at 20°C (Air = 1)	No data available.
Particle characteristics	No data available.

Section 10. Stability and Reactivity

【Reactivity】

No data available.

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【Chemical stability】

Stable under atmospheric pressure at room temperature.

【Possibility of hazardous reactions】

No data available.

【Conditions to avoid】

See SDS section 7 – Handling and storage.

【Incompatible materials】

No data available.

【Hazardous decomposition products】

No data available.

Section 11. Toxicological Information

There are no data available on the product itself.

Information on toxicological effects

Acute toxicity (Oral)	>2,000mg/kg (Estimated value)
Acute toxicity (Dermal)	>2,000mg/kg (Estimated value)
Acute toxicity (Inhalation)	>20mg/L (Estimated value)
Skin corrosion/irritation	No data available.
Serious eye damage/irritation	No data available.
Respiratory sensitization	No data available.
Skin sensitization	No data available.
Germ cell mutagenicity	No data available.
Carcinogenicity	No data available.
Reproductive toxicity	No data available.
STOT–single exposure	No data available.
STOT–repeated exposure	No data available.
Aspiration hazard	No data available.

Section 12. Ecological Information

【Ecotoxicity】

【Aquatic toxicity】

(Hazardous to the aquatic environment (Acute))

No data available.

(Hazardous to the aquatic environment (Long-term))

No data available.

【Terrestrial toxicity】

No data available.

【Persistence and degradability】

No data available.

【Bioaccumulative potential】

No data available.

【Mobility in soil】

No data available.

【Results of PBT and vPvB assessment】

No data available.

【Other adverse effects】

No data available.

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Section 13. Disposal considerations

【Waste treatment methods】

Avoid release to the environment.

Dispose of contents/container in accordance with local/national regulation.

Section 14. Transport Information

【UN No.】

Not applicable

【UN Proper Shipping Name】

Not applicable

【Transport hazard class】

Not applicable

【Packing group】

Not applicable

【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.

Section 15. Regulatory Information

【Safety, health and environmental regulations/legislation specific for the substance or mixture】

We are not able to check up the regulatory information with regard to the substances in your country or region, therefore, we request this matter would be filled by your responsibility.

【Chemical safety assessment】

No chemical safety assessment has been carried out for this product.

Section 16. Other information

【References and sources for data】

Globally Harmonized System of classification and labelling of chemicals, UN
Recommendations on the TRANSPORT OF DANGEROUS GOODS 21th edit., 2019 UN
IMDG Code, 2018 Edition (Incorporating Amendment 39-18)
IATA Dangerous Goods Regulations (62nd Edition) 2021
2020 EMERGENCY RESPONSE GUIDEBOOK (US DOT)
2022 TLVs and BEIs. (ACGIH)
Supplier's data/information
Hazard Communication Standard – 2012 (29 CFR 1910.1200)

【General Disclaimer】

This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This data sheet was created based on the information we currently have and may be revised according to new information. In addition, the precautions apply only to normal handling, and in the case of special handling, please make adequate countermeasure to maintain your safety.

The GHS classification data given here is based on current EU official data (Consolidated version of the CLP Regulation published in 1.3.2022 and Commission delegated regulation (EU) 2021/849 (ATP17)).