

SAFETY DATA SHEET

1. PRODUCT & COMPANY IDENTIFICATION

• WRITING INK NAMES	SC-PE-GD
• WRITING INSTRUMENT NAMES	• SC-G-EF
• NAME OF MANUFACTURER / SUPPLIER	PILOT CORPORATION
• ADDRESS	6-21, KYOBASHI 2-CHOME, CHUO-KU TOKYO, 104-8304 JAPAN
• TELEPHONE NUMBER	03-3538-3700
• FAX NUMBER	03-3538-3909

2. COMPOSITION/INFORMATION ON INGREDIENTS

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SUBSTANCE / MIXTURE	CAS No	weight %
Ethylcyclohexane	1678-91-7	10
Mthylcyclohexane	108-87-2	34.2
Solventnaphtha	64742-12-7	2.0

3. HAZARDS IDENTIFICATION

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• CLASS NAME OF HAZARDOUS CHEMICALS FOR SDS IN JAPAN	FLAMMABLE LIQUID
• PHYSICAL AND CHEMICAL HAZARDS	Flammable liquid
• ADVERSE HUMAN HEALTH EFFECTS	Irritating to eyes. Irritating to skin. Harmful by inhalation. Harmful by swallowed.
• ENVIRONMENTAL EFFECTS	Not available

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Follow the local raw and regulations in your country.

4. FIRST-AID MEASURES

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• EYE CONTACT	Gently rinse the affected eyes with clean water for at least 15 minutes. And refer for medical attention.
• SKIN CONTACT	Wash the affected area under tepid running water using a mild soap.
• INHALATION	Remove the victim from the contamination immediately to fresh air. And refer for medical attention.
• INGESTION	Refer for medical attention.

5. FIRE-FIGHTING MEASURES

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• EXTINGUISHING MEDIA	In case of fire , use water spray , foam , dry chemical powder or carbon dioxide.
• SPECIFIC HAZARD WITH REGARD TO FIRE-FIGHTING MEASURES	Apply water from a safe distance to cool and protect surrounding area.

6. ACCIDENTAL RELEASE MEASURES

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Absorb spill with material(e.g.dry sand or earth , cloth) , then place in a chemical waste containers.

7. HANDLING & STORAGE

•HANDLING

WRITING INK

Avoid rough handling or dropping.
Keep container tightly closed.
Wear protective safety glasses,gloves.

•STORAGE

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Inside storage should be in a well -ventilated ,noncombustible location ,away from all possible source of ignition.

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Follow the local raw and regulations in your country.

8. EXPOSURE CONTROL /PERSONAL PROTECTION

•CONTROL PARAMETERS

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400ppm(Mthylcyclohexane)

•ENGINEERING MEASURES

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Use with local exhaust ventilation.

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Not required

•PERSONAL PROTECTIVE EQUIPMENT

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•RESPIRATORY PROTECTION

Industrial Canister gas masks.

•EYE PROTECTION

Safety glasses

•HAND, SKIN AND BODY PROTECTION

Rubber gloves

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Not required

9. PHYSICAL & CHEMICAL PROPERTIES

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•PHYSICAL STATE , FORM:

•APPEARLANCE:

liquid

•COLOR:

gold

•DENSITY:

1.10 (25.0°C)

•FLASH POINT

-11.5°C(MCH)

•AUTOIGNITION TEMPERATURE:

309°C(MCH)

•UPPER AND LOWER EXPLOSION LIMIT:

no data % (g/m³), 1.2 % (g/m³) , MCH

•BOILING POINT:

100.9 °C(MCH)

•MELTING POINT:

-126.6°C(MCH)

•VAPOR PRESSURE:

6.17KPa(25.0°C MCH)

•SOLUBILITY IN WATER

Insoluble

•SOLUBILITY IN -----:

10. STABILITY & REACTIVITY

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• FLAMMABILITY	Flammable
• SPONTANEOUS COMBUSTIBILITY	Not available
• REACTIVITY WITH WATER	This material is stable.
• OXIDIZIBILITY	This material is stable
• SELF-REACTIVITY	This material is stable
• STABILITY & REACTIVITY	This product is considered a stable material under normal and anticipated storage and handling conditions

11. TOXICOLOGICAL INFORMATION

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• CORROSIVE AND IRRITANT PROPERTIES	Not available
• ALLERGENIC AND SENSITIZING EFFECTS	Not available
• ACUTE TOXICITY	Not available
• SUB-CHRONIC TOXICITY	Not available
• CHRONIC TOXICITY	Not available
• CARCINOGENIC EFFECTS	Not available
• MUTAGENIC EFFECTS	Not available
• EFFECTS ON THE REPRODUCTIVE SYSTEM	Not available
• TERATOGENIC EFFECTS	Not available

12. ECOLOGICAL INFORMATION

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• BIODEGRADABILITY	Not available
• BIOACCUMULATION	Not available
• FISH TOXICITY	Not available

13. DISPOSAL CONSIDERATION

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Follow all regulations in your country.

14. TRANSPORT INFORMATION

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Follow all regulations in your country.

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• UN CLASS:	Class 3
• UN No.:	1993

15. REGULATORY INFORMATION

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Follow all regulations in your country.

16. OTHER INFORMATION

• REFERENCES

The information here is given in good faith ,but no warranty ,express or implied , is made.