

ISSUE NUMBER : S1-XGFW50E-01-E

ISSUE DATE:March 30, 2011

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**1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME : Double Ended Brush Pen

COMPANY NAME : PENTEL CO.,LTD  
ADDRESS : 7-2 KOAMI-CHO, NIHONBASHI, CHUO-KU, TOKYO, 103-8538 JAPAN  
TELEPHONE NO. : 03-3667-3333 (JAPAN)  
DEPARTMENT : QUALITY ASSURANCE DEPARTMENT

PRODUCT CODE : XGFW50E

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**2 COMPOSITION/INFORMATION OR IDENTIFICATION**

《 CHEMICAL NAME 》	《CONCENTRATION	《CAS NO.》
Ethylene glycol	9.1-10.0%	107-21-1
Thiodi glycol	4.5-20.0%	111-48-8

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**3 HAZARDS IDENTIFICATION**

EMERGENCY OVERVIEW : N/A

## HAZARDS

SPECIFIC HAZARDS : N/A  
PHYSICAL/CHEMICAL : N/A  
HEALTH EFFECTS : N/A  
ENVIRONMENTAL EFFEC : N/A

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**4 FIRST AID MEASURES**

EYE CONTACT : Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention, if irritation persists.

SKIN CONTACT : Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

INGESTION : Immediately flush mouth with plenty of water.  
Small amounts swallowed are not likely to cause injury.  
Get medical attention,if swallowed large amounts do not induce vomiting,and/or if symptoms occur.

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**5 FIRE FIGHTING MEASURES**

FIRE FIGHTING METHO : No flammable liquid  
EXTINGUISHING MEDIA : N/A

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**6 ACCIDENTAL RELEASE MEASURES**

LAND SPILL : Absorb the liquid and scrub the area with detergent and water.

WATER SPILL : N/A

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**7 HANDLING AND STORAGE**

HANDLING : Keep away from sources of ignition, heat, and direct sunlight.

STORAGE : Store away from sources of ignition, heat, and direct sunlight.

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**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

ENGINEERING CONTROL : No special controls are needed.

## PERSONAL PROTECTIVE EQUIPMENT:

EYE : None needed.

SKIN/BODY/HAND : None needed.

RESPIRATORY : None needed.

EXPOSURE GUIDELINES : N/A

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**9 PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE : Liquid.(ink)

APPEARANCE : Brush pen

COLOR : black

ODOR : none

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**10 STABILITY AND REACTIVITY**

CHEMICAL STABILITY : Stable at room temperature.

CONDITIONS TO AVOID : Avoid temperatures above 104° F (40°C).

Store away from sources of ignition, heat, and direct sunlight.

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**11 TOXICOLOGICAL INFORMATION**

ACUTE TOXICITY : N/A

EYE EFFECTS : N/A

SKIN EFFECTS : N/A

CHRONIC EFFECTS : N/A

CARCINOGENICITY : N/A

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**12 ECOLOGICAL INFORMATION**

: N/A

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**13 DISPOSAL CONSIDERATIONS**

- Comply with all federal, state, and local regulations.
- Do not dump this material into sewers, on the ground or into any body of water.

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**14 TRANSPORT INFORMATION**

- Comply with all federal, state, and local regulations.
- See above Section 7, "HANDLING AND STORAGE."

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**15 REGULATORY INFORMATION**

- N/A

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**16 OTHER INFORMATION**

- None

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