

ISSUE NUMBER : W1-BLN25000-01-E

ISSUE DATE:MARCH.4,2009

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1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME : ENERGEL Retractable  
Gel Roller Pen (0.5mm)  
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 : BLN25-A(Black),B(Red),C(Blue)

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2 COMPOSITION/INFORMATION OR IDENTIFICATION

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《 CHEMICAL NAME 》	《CONCENTRATION	《CAS NO.》
*1 ETHYLENE GLYCOL	9-10%	107-21-1
*2 DIETHYLENE GLYCOL	7-8%	111-46-6
GLYCEROL	7-8%	56-81-5
*3 Thiodiglycol	9.5%	111-48-8
*1 Used only for BLN75-A,B,C		
*2 Used only for BLN75-B,C		
*3 Used only for BLN75-A		

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3 HAZARDS IDENTIFICATION

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EMERGENCY OVERVIEW : N/A

## HAZARDS

SPECIFIC HAZARDS : N/A  
PHYSICAL/CHEMICAL : N/A  
HEALTH EFFECTS : Causes slight skin and eye irritation.  
ENVIRONMENTAL EFFEC : N/A

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4 FIRST AID MEASURES

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INHALATION : N/A  
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 : Give victim a glass of water or milk. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

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5 FIRE FIGHTING MEASURES

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

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6 ACCIDENTAL RELEASE MEASURES

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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

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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 : ball point pen  
COLOR : black,red,blue  
ODOR : none  
SOLUBILITY IN WATER : Soluble.

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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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