Gillette Medical Evaluation Laboratories

03395

1. Substance/preparation and company name

Parker Quink and Penman Writing Inks (Bottle and Cartridge)

Company
Gillette
450/454 Basingstoke Road
Reading
Berkshire RG2 0QE
UK
Emergency Information:
Tel.: (44) 1189875222

2. Composition/information on ingredients

Chemical nature:	Wt. %	CAS No.	EEC No.	Index No.	Classification
Ethanediol	<2	107-21-1	203-473-3	603-027-00-1	Xn, R-22
1-Methoxy-2- Propanol	<1	107-98-2	203-539-1	603-064-00-3	R-10

3. Possible hazards

Critical hazards to man: None

Critical hazards to the environment: None known

Other information: NA

4. First aid measures

General advice: No adverse effects anticipated from normal use.

If inhaled: No adverse effects anticipated from normal use.

On skin contact: Wash with soap and water. Contact will temporarily dye skin.

On contact with eyes: Wash with clear, tepid water. If irritation persists, obtain medical attention.

On ingestion: No adverse effects anticipated from normal use. The mouth may be cleansed with a soap and water solution. If a large amount has been ingested (amounts approaching 150 ml), stomach lavage may be employed at the discretion of a physician.

5. Fire fighting measures

Suitable extinguishing media: As appropriate for surrounding area. CO_2, foam, dry chemical, water fog.

Special protective equipment: In fires involving large quantities of product, use self-contained breathing apparatus.

Further information: Hazardous decomposition products may be produced in a fire situation. See Sec. 10.

6. Accidental release measures

Personal precautions: Not required

Environmental precautions: Not required

Methods for cleaning up: Wipe up with tissue, towel, etc.

7. Handling and storage

Handling
Keep cap on pen when not in use.

Storage
NA

8. Exposure controls and personal protection

8-Hour TWAs: Ethanediol (Aerosol) - 100 mg/m^3 ceiling (ACGIH), 10 mg/m^3 (U.K.), 26 mg/m^3 (Germany)
1-Methoxy-2-Propanol - 100 ppm, (OSHA/ACGIH/U.K./Germany), 150 ppm Ceiling (OSHA/ACGIH)

Personal protective equipment

Respiratory equipment: None required

Hand protection: None required

Eye protection: None required

General safety and hygiene measures: Product is non-hazardous when used as directed.

9. Physical and chemical properties

Form: Liquids
Colour: Various colours
Odour: Mild odours

Change in physical state

Melting point/melting range:, Not determined
Boiling point/boiling range: Not determined

9. Physical and chemical properties (continued)

Flash point: NA
Explosion limits:
-lower NA
-upper NA

Ignition temperature: Not determined

Vapour pressure: Not determined

Specific Gravity: ~ 1

% Volatiles: >90

Solubility in water: Soluble

Solubility in other solvents: Not determined

pH value: (at 100 g/L): 2.5-8

Octanol/water partition coefficient (log POW): Not determined

Viscosity: Not determined

Other information:

10. Stability and reactivity

Thermal decomposition: No decomposition under normal conditions.

Substance(s) to avoid: Oxidising and reducing agents

Hazardous reactions: None known

Hazardous decomposition products: Thermal degradation may produce oxides of carbon and nitrogen; hydrocarbons and derivatives. If large amounts of product are involved, plastic may give off hazardous decomposition products.

11. Toxicological information

No adverse effects anticipated from normal use. Ingestion of several bottles, or amounts approaching 150 ml may result in Ethanediol toxicity.

LD50/oral/rat (Ethanediol): 4.78 g/kg

12. Ecological information

None available regarding product.

13. Disposal considerations

Product: Not considered to be a dangerous material. Dispose of in accordance with local regulations.

The 1991 Environmental Protection (Duty of Care) Regulations SI No 2839 and amendments should be noted (United Kingdom).

14. Transport information

Not classified as hazardous under transport regulations.

15. Regulatory information

Labeling according to EEC Directives: This product does not require labeling (contains less than 25% ethanediol) and the product is sold in quantities less than 125 ml.

National legislation/regulations:

16. Other information:

Preparation of MSDS:

Prepared by: Gillette Medical Evaluation Laboratories
401 Professional Drive
Gaithersburg, Maryland USA 20879

Phone Number:
301-590-9781

Date: 03/04/98
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Replaces: NA

The information contained in the Material Safety Data Sheet is based on data considered to be accurate, however, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof.