Safety Data Sheet
according to WHS Regulations

Printing date 25.08.2022 Revision: 09.08.2022

1 Identification

Product Name: Pilot G-2 Gel Retractable

Other Means of Identification: Article
Other Name: Pilot G2

Product Code: BL-G2
Part Number:
BL-G2-38-B/R/L/G
BL-G2-5-B/R/L/G/BB/V/P/DR/LB/O/HG/PG/SB/LG/CA
BL-G2-7-B/R/L/G/BB/V/P/DR/LB/O/HG/PG/SB/LG/CA/GY/IL/CP/AO/GR/RP/BP/Y
BL-G2-10-B/R/L/G
BL-G2-XS5-B/R/L/G/V/P/DR/LB
BL-G2-XS7-B/R/L/G/V/P/DR/LB
BLS-G2-38-B/R/L/G
BLS-G2-5-B/R/L/G/BB/V/P/DR/LB/O/HG/PG/SB/LG/CA
BLS-G2-7-B/R/L/G/BB/V/P/DR/LB/O/HG/PG/SB/LG/CA/GY/IL/CP/AO/GR/RP/BP/Y
BLS-G2-10-B/R/L/G
BL-G2STL-7-OB/GYB/GDB/RB/LBB
G2-B/R/L/G/BB/V/P/DR/LB/O/HG/PG/SB/LG/CA/GY/IL/CP/AO/GR/RP/BP/Y (mixture)

Recommended Use of the Chemical and Restriction on Use: Writing Instrument - Water Based Ink

Details of Manufacturer or Importer:
Pilot Pen Australia Pty Ltd
39 Enterprise Circuit
Prestons NSW 2170

Phone Number: 1300 325 866

Emergency telephone number: National Poisons Information Centre: 13 11 26

2 Hazard(s) Identification

Hazardous Nature:
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition), IATA and IMDG/IMSBC.
Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.
This product is considered as article and is as such exempted from the UN-GHS classification requirements.
The classification based on the hazardous substances contained in the product is provided below for information purposes only.

STOT SE 3 H335 May cause respiratory irritation.

Signal Word Warning

Hazard Statements
H335 May cause respiratory irritation.

Precautionary Statements
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read carefully and follow all instructions.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P271 Use only outdoors or in a well-ventilated area.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 Call a POISON CENTER/doctor if you feel unwell.

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P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national regulations.

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures
Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:		
CAS: 107-21-1	1,2-Ethanediol Acute Toxicity (Oral) 4, H302; STOT SE 3, H335	15-25%
CAS: 102-71-6	Triethanolamine Skin Corrosion/Irritation 2, H315; Eye Irritation 2A, H319; STOT SE 3, H335	1-<10%

4 First Aid Measures

Inhalation: If inhaled, remove to fresh air. Seek medical attention if breathing problems develop.

Skin Contact:
In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if irritation occurs.

Eye Contact:
In case of eye contact, rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical attention if irritation persists.

Ingestion:
If swallowed, do not induce vomiting. Immediately rinse mouth with water. Never give anything by mouth to an unconscious person. Seek medical attention.

Symptoms Caused by Exposure:
Inhalation: Intentional exposure to ink vapours may cause respiratory irritation.
Skin Contact: May cause skin irritation, swelling or redness.
Eye Contact: May cause mild eye irritation.
Ingestion: May cause gastrointestinal irritation, nausea, diarrhoea and vomiting.

5 Fire Fighting Measures

Suitable Extinguishing Media: Use water spray, foam, dry chemical or carbon dioxide.

Specific Hazards Arising from the Chemical:
Hazardous combustion products include oxides of carbon, oxides of nitrogen and oxides of sulfur.
Product is not flammable.
Containers close to fire should be removed only if safe to do so. Use water spray to cool fire exposed containers.
Minimise run-off from fire fighting entering drains or water courses.

Special Protective Equipment and Precautions for Fire Fighters:
When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:
Ventilate spill area. Wear protective equipment. Keep unprotected persons away. Take care as spill may cause a slip hazard.

Environmental Precautions:
In the event of a major spill, prevent spillage from entering drains or water courses.

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Methods and Materials for Containment and Cleaning Up:
Wipe up small spills with a paper towel or dry rag. Clean up all spills immediately, since spilled materials, even in small quantities, may present a slip hazard. Absorb large spills with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal. Decontaminate spill area with water and detergents.

7 Handling and Storage

Precautions for Safe Handling: No special measures required. Avoid rough handling or dropping.

Conditions for Safe Storage: Store in a cool, dry and well ventilated area.

8 Exposure Controls and Personal Protection

Exposure Standards:	
CAS: 107-21-1 1,2-Ethanediol	
WES	STEL: 104** mg/m³, 40** ppm TWA: 10* 52** mg/m³, 20** ppm Sk;*particulate;**vapour
CAS: 102-71-6 Triethanolamine	
WES	TWA: 5 mg/m³ Sen

Engineering Controls: Natural ventilation should be adequate under normal use conditions.

Respiratory Protection: Respiratory protection is not required under normal use conditions.

Skin Protection: Skin protection is not required under normal use conditions.

Eye and Face Protection: Eye protection is not required under normal use conditions.

9 Physical and Chemical Properties

Appearance:	
Form:	Viscous liquid
Colour:	According to product specification
Odour:	Slight, characteristic
Odour Threshold:	No information available
pH-Value:	8 - 10
Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Range:	approx. 100 °C
Flash Point:	Doesn't flash up to boiling point
Flammability:	Product is not flammable
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	No information available
Relative Density at 20 °C:	1.10 - 1.12
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	Soluble
Partition Coefficient (n-octanol/water):	No information available
Viscosity at 20 °C:	<2,000 mPa·s

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10 Stability and Reactivity

Possibility of Hazardous Reactions: No dangerous reactions known under conditions of normal use.

Chemical Stability: Stable at ambient temperature and under normal conditions of storage and use.

Conditions to Avoid: None known.

Incompatible Materials: None known.

Hazardous Decomposition Products: Oxides of carbon, oxides of nitrogen and oxides of sulfur.

11 Toxicological Information

Toxicity:

LD50/LC50 Values:		
CAS: 107-21-1 1,2-Ethanediol		
Oral	LD50	5,840 mg/kg (rat)
	LD50	9,530 mg/kg (rabbit)
CAS: 102-71-6 Triethanolamine		
Oral	LD50	8,000 mg/kg (rat)
	LD50	20,000 mg/kg (rat)

Acute Health Effects
Inhalation: Intentional exposure to ink vapours may cause respiratory irritation.
Skin: May cause skin irritation, swelling or redness.
Eye: May cause mild eye irritation.
Ingestion: May cause gastrointestinal irritation, nausea, diarrhoea and vomiting.

Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.

Serious Eye Damage / Irritation: Based on classification principles, the classification criteria are not met.

Respiratory or Skin Sensitisation: Based on classification principles, the classification criteria are not met.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity:
Not expected to be a hazard.
Triethanolamine is classified by IARC as Group 3 - Not classifiable as to its carcinogenicity to humans.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Single Exposure: May cause respiratory irritation.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:
Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

Chronic Health Effects: No information available

Existing Conditions Aggravated by Exposure: No information available

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12 Ecological Information

Ecotoxicity:

Aquatic toxicity:
The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

CAS: 107-21-1 1,2-Ethanediol	
EC50/48 h	49,000 mg/l (daphnia magna)
EC50/96 h	6,500-13,000 mg/l (green algae)
LC50/96 h	22,810 mg/l (rainbow trout)
CAS: 102-71-6 Triethanolamine	
EC50/48 h	609.98 mg/l (daphnia magna)
LC50/96 h	11,800 mg/l (brachydanio rerio)
	11,800 mg/l (fathead minnow)

Persistence and Degradability: No data available on finished product.

Bioaccumulative Potential: No data available on finished product.

Mobility in Soil: No data available on finished product.

Other adverse effects: No further relevant information available.

13 Disposal Considerations

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.

Special Precautions for Landfill or Incineration:
Please consult your state Land Waste Management Authority for more information.

14 Transport Information

UN Number
ADG, IMDG, IATA Not regulated

Proper Shipping Name
ADG, IMDG, IATA Not regulated

Dangerous Goods Class Not regulated

Packing Group: Not regulated

15 Regulatory Information

Australian Inventory of Industrial Chemicals:
All ingredients are listed.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poison Schedule:
Poisons Schedule: 6

16 Other Information

Date of Preparation or Last Revision: 09.08.2022

Prepared by: MSDS.COM.AU Pty Ltd www.msds.com.au

Abbreviations and acronyms:
ADG: Australian Dangerous Goods

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IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
IARC: International Agency for Research on Cancer
STEL: Short Term Exposure Limit
TWA: Time Weighted Average
NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)
Acute Toxicity (Oral) 4: Acute toxicity – Category 4
Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2
Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - July 2020”.
The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. Pilot Pen Australia Pty Ltd makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. MSDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.

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