

# Safety Data Sheet

according to WHS Regulations

Printing date 29.08.2022

Revision: 09.08.2022

## 1 Identification

**Product Name:** Pilot FriXion Ball**Other Means of Identification:** Article**Other Name:** Pilot FriXion Ballpoint**Product Code:** BL-FR**Part Number:**

BL-FR7-B/R/L/G/V/LB/P/O/LG/BN/AO/CP/PU/SKL/WR

LFB-20F-B/R/L/G/V/LB/P/O

BLS-FR7-B/R/L/G/V/LB/P/O/LG/BN/AO/CP/PU/SKL/WR

BL-FRO-B/L/R

FXP-B/R/L/G/V/LB/P/O/AG/K/HY/CP/PU/SKL/WR (mixture)

**Recommended Use of the Chemical and Restriction on Use:** Writing Instrument - Erasable 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.

The product is not classified, according to the Globally Harmonised System (GHS).

**Signal Word** None**Hazard Statements** None

## 3 Composition and Information on Ingredients

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

CAS: 102-71-6	Triethanolamine	≤1%
	⚠ Skin Corrosion/Irritation 2, H315; Eye Irritation 2A, H319; STOT SE 3, H335	

## 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 and persists.

(Contd. on page 2)

# Safety Data Sheet

## according to WHS Regulations

Printing date 29.08.2022

Revision: 09.08.2022

**Product Name: Pilot FriXion Ball**

(Contd. of page 1)

**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 immediate medical attention if feeling unwell.

**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, alcohol-resistant 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.

**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: 102-71-6 Triethanolamine**

WES	TWA: 5 mg/m <sup>3</sup>
	Sen

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

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

(Contd. on page 3)

# Safety Data Sheet

## according to WHS Regulations

Printing date 29.08.2022

Revision: 09.08.2022

**Product Name: Pilot FriXion Ball**

(Contd. of page 2)

**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:**

<b>Form:</b>	Viscous liquid
<b>Colour:</b>	According to product specification
<b>Odour:</b>	Slight, characteristic
<b>Odour Threshold:</b>	No information available
<b>pH-Value:</b>	7.5 - 9.5
<b>Melting point/freezing point:</b>	No information available
<b>Initial Boiling Point/Boiling Range:</b>	approx. 100 °C
<b>Flash Point:</b>	Doesn't flash up to boiling point
<b>Flammability:</b>	Product is not flammable
<b>Auto-ignition Temperature:</b>	No information available
<b>Decomposition Temperature:</b>	No information available
<b>Explosion Limits:</b>	
<b>Lower:</b>	No information available
<b>Upper:</b>	No information available
<b>Vapour Pressure:</b>	No information available
<b>Relative Density at 20 °C:</b>	1.02 - 1.07
<b>Vapour Density:</b>	No information available
<b>Evaporation Rate:</b>	No information available
<b>Solubility in Water:</b>	Soluble
<b>Partition Coefficient (n-octanol/water):</b>	No information available
<b>Viscosity at 20 °C:</b>	550 - 750 mPa·s

### 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: 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.

(Contd. on page 4)

# Safety Data Sheet

## according to WHS Regulations

Printing date 29.08.2022

Revision: 09.08.2022

**Product Name: Pilot FriXion Ball**

(Contd. of page 3)

**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:**

Based on classification principles, the classification criteria are not met.

**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

## 12 Ecological Information

**Ecotoxicity:****Aquatic toxicity:**

No adverse ecological effects are expected. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**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

(Contd. on page 5)

# Safety Data Sheet

## according to WHS Regulations

Printing date 29.08.2022

Revision: 09.08.2022

**Product Name: Pilot FriXion Ball**

(Contd. of page 4)

**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:**

Not a scheduled poison.

### 16 Other Information

**Date of Preparation or Last Revision:** 09.08.2022**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.msds.com.au)**Abbreviations and acronyms:**

ADG: Australian Dangerous Goods

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)

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”.

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