



## FOUNTAIN PEN INK

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**1.1 Product identifier**

Product Name Fountain Pen Ink

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Identified Use(s) Marking paper products

Uses Advised Against Not known.

**1.3 Details of the supplier of the safety data sheet**

## Manufacturer

Company Identification Toms Studio  
Address of Manufacturer Unit N3 Marshall Way  
Frome

Postal code BA11 2FB

Telephone: +44(0)151 524 3800

Fax Not known.

E-mail hello@tomsstudio.co.uk

Office hours

## Supplier

Company Identification Toms Studio  
Address of Supplier Unit N3 Marshall Way  
Frome

Postal code BA11 2FB

Telephone: +44 (0)151 524 3800

Fax Not known.

E-mail hello@tomsstudio.co.uk

Office hours

**1.4 Emergency telephone number**

Emergency Phone No. Not known.

Contact 07525854168

## SECTION 2: HAZARDS IDENTIFICATION

**2.1 Classification of the substance or mixture**

Regulation (EC) No. 1272/2008 (CLP) Not classified as dangerous for supply/use.

**2.2 Label elements**

According to Regulation (EC) No. 1272/2008 (CLP)

Product Name Fountain Pen Ink

Hazard Pictogram(s) None.

Signal Word(s) None.

Hazard Statement(s) EUH208: Contains: 1,2-benzisothiazol-3(2H)-2-methylisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)) May produce an allergic reaction.

Precautionary Statement(s) None.

**2.3 Other hazards**

None known.

**2.4 Additional Information**

None.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Substances**

Not applicable.

**3.2 Mixtures**



## SAFETY DATA SHEET

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HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
1,2-benzisothiazol-3(2H)-one1,2-benzisothiazolin-3-one	2634-33-5	220-120-9	0.01	Acute Tox. 4 H302 Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Dam. 1 H318 Aquatic Acute 1 H400 Aquatic Chronic 2 H411	GHS05 GHS07 GHS09
2-methylisothiazol-3(2H)-one	2682-20-4	220-239-6	0.00145	Acute Tox. 3 H301 Acute Tox. 3 H311 Skin Corr. 1B H314 Skin Sens. 1A H317 Acute Tox. 2 H330 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS06 GHS05 GHS07 GHS09
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	611-341-5	0.00145	Acute Tox. 3 H301 Acute Tox. 2 H310 Skin Corr. 1C H314 Skin Sens. 1A H317 Eye Dam. 1 H318 Acute Tox. 2 H330 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS06 GHS05 GHS07 GHS09

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit		M-factor	ATE
1,2-benzisothiazol-3(2H)-one1,2-benzisothiazolin-3-one	2634-33-5				Acute Tox. 4 (H302) : 500
2-methylisothiazol-3(2H)-one	2682-20-4	Skin Sens. 1	C>= 0.002 <= 100.00	Aquatic Acute 1: 10	Acute Tox. 3 (H301) : 100 Acute Tox. 3 (H311) : 300 Acute Tox. 2 (H330) : 0.500
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	Skin Corr. 1C	C>= 0.60 <= 100.00	Aquatic Acute 1: 100	Acute Tox. 3 (H301) : 100
		Skin Irrit. 2	C>= 0.06 < 0.60	Aquatic Chronic 1: 100	Acute Tox. 2 (H310) : 50
		Skin Sens. 1A	C>= 0.0015 <= 100.00		Acute Tox. 2 (H330) : 0.500
		Eye Dam. 1	C>= 0.60 <= 100.00		
		Eye Irrit. 2	C>= 0.06 < 0.60		

Contains no non-classified vPvB substances.

Contains a non-classified substance with a Union workplace exposure limit. Glycerol, mist (56-81-5)

For full text of H/P Statements see section 16.

## SECTION 4: FIRST AID MEASURES

## 4.1 Description of first aid measures

Inhalation

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact

Wash skin with water.

Eye Contact

Flush eyes with water for at least 15 minutes.

Ingestion

Wash out mouth with water.

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## 4.2 Most important symptoms and effects, both acute and delayed

None anticipated. Treat symptomatically.

## 4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

## 5.1 Extinguishing media

Suitable Extinguishing media

As appropriate for surrounding fire.

Unsuitable extinguishing media

None.

## 5.2 Special hazards arising from the substance or mixture

None anticipated. Heating may cause decomposition.

## 5.3 Advice for firefighters

As appropriate for surrounding fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

## 6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

## 6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

## 6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material.

## 6.4 Reference to other sections

See Also Section 8, 13.

## SECTION 7: HANDLING AND STORAGE

## 7.1 Precautions for safe handling

Not known.

## 7.2 Conditions for safe storage, including any incompatibilities

Storage temperature

Ambient.

Storage life

Stable under normal conditions.

Incompatible materials

None known.

## 7.3 Specific end use(s)

Not known.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1 Control parameters

## 8.1.1 Occupational Exposure Limits

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
Glycerol, mist	56-81-5		10			

Region

United Kingdom

Source

UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

Remark

Notes

## 8.2 Exposure controls

## 8.2.1. Appropriate engineering controls

Ensure adequate ventilation.

## 8.2.2. Personal protection equipment

## Eye Protection

Wear eye protection with side protection (EN ISO 16321-1).



## Skin protection

Not normally required.



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Respiratory protection Normally no personal respiratory protection is necessary.



Thermal hazards None known.

8.2.3. Environmental Exposure Controls Do not release large quantities into the surface water or into drains.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

## 9.1 Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Not known.
Odour	Low
Melting point/freezing point	Not known.
Boiling point or initial boiling point and boiling range	100c
Flammability	Not known.
Lower and upper explosion limit	Not known.
Flash Point	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature	Not known.
pH	5.0 – 8.6
Kinematic Viscosity	0.85-1.30
Solubility	Solubility (Water) : YES Solubility (Other) : Not known.
Partition coefficient n-octanol/water (log value)	Not known.
Vapour pressure	Not known.
Density and/or relative density	Not known.
Relative vapour density	0.85-1.2
Particle characteristics	Not known.

## 9.2 Other information

None.

## SECTION 10: STABILITY AND REACTIVITY

## 10.1 Reactivity

None anticipated.

## 10.2 Chemical Stability

Stable under normal conditions.

## 10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

## 10.4 Conditions to avoid

None anticipated.

## 10.5 Incompatible materials

Not known.

## 10.6 Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: TOXICOLOGICAL INFORMATION

## 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Ingestion	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 2040816.38
Acute toxicity - Skin Contact	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 2955665
Acute toxicity - Inhalation	Calculation method : Not classified.

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Skin corrosion/irritation  
Serious eye damage/irritation  
Skin sensitization data  
Respiratory sensitization data  
Germ cell mutagenicity  
Carcinogenicity  
Reproductive toxicity  
Lactation  
STOT - single exposure  
STOT - repeated exposure  
Aspiration hazard

Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 17241.38

Calculation method : Not classified.  
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**11.2 Information on other hazards**

Not known.

**SECTION 12: ECOLOGICAL INFORMATION****12.1 Toxicity**

Toxicity - Aquatic invertebrates  
Toxicity - Fish  
Toxicity - Algae  
Toxicity - Sediment Compartment  
Toxicity - Terrestrial Compartment  
**12.2 Persistence and degradability**

Low toxicity to invertebrates.  
Low toxicity to fish.  
Low toxicity to algae.  
Not classified.  
Not classified.

**12.3 Bioaccumulative potential**

Not known.

**12.4 Mobility in soil**

Not known.

**12.5 Results of PBT and vPvB assessment**

Not known.

**12.6 Endocrine disrupting properties**

None known.

**12.7 Other adverse effects**

Not known.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

Dispose at suitable refuse site.

**13.2 Additional Information**

No special precautions are required for this product.

**SECTION 14: TRANSPORT INFORMATION****Not classified as hazardous for transport.****14.1 UN number or ID number**

Not applicable

**14.2 UN proper shipping name**

Not applicable

**14.3 Transport hazard class(es)**

Not applicable

**14.4 Packing group**

Not applicable

**14.5 Environmental hazards**

Not classified as a Marine Pollutant.

**14.6 Special precautions for user**

Not known

**14.7 Maritime transport in bulk according to IMO instruments**

Not known



## FOUNTAIN PEN INK

## SECTION 15: REGULATORY INFORMATION

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation Not listed

REACH: ANNEX XIV list of substances subject to authorisation Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles 2-methylisothiazol-3(2H)-one (2682-20-4), 1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one (2634-33-5), reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)

Community Rolling Action Plan (CoRAP) Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants Not listed

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals Not listed

**National regulations**  
Other Not known.**15.2 Chemical Safety Assessment**

A REACH chemical safety assessment has not been carried out.

## SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

**LEGEND**

Hazard Pictogram(s)	None.  GHS05: GHS: Corrosion GHS06: GHS: Skull and crossbones GHS07: GHS: Exclamation mark GHS09: GHS: Environment
Hazard classification	Acute Tox. 3 : Acute toxicity, Category 3 Acute Tox. 4 : Acute toxicity, Category 4 Acute Tox. 2 : Acute toxicity, Category 2 Acute Tox. 3 : Acute toxicity, Category 3 Skin Corr. 1B : Skin corrosion/irritation, Category 1B Skin Corr. 1C : Skin corrosion/irritation, Category 1C Skin Irrit. 2 : Skin corrosion/irritation, Category 2 Skin Sens. 1 : Skin sensitization, Category 1 Skin Sens. 1A : Skin sensitization, Category 1A Eye Dam. 1 : Serious eye damage/irritation, Category 1 Acute Tox. 2 : Acute toxicity, Category 2 Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1 Aquatic Chronic 1 : Hazardous to the aquatic environment, Chronic, Category 1 Aquatic Chronic 2 : Hazardous to the aquatic environment, Chronic, Category 2
Hazard Statement(s)	H301: Toxic if swallowed. H302: Harmful if swallowed. H311: Toxic in contact with skin. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects. H411: Toxic to aquatic life with long lasting effects.



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### FOUNTAIN PEN INK

#### Precautionary Statement(s) Acronyms

None.  
ATE : Acute Toxicity Estimate  
CAS : Chemical Abstracts Service  
CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures  
DNEL : Derived No Effect Level  
EC : European Community  
EINECS : European Inventory of Existing Commercial Chemical Substances  
LTEL : Long term exposure limit  
PBT : Persistent, Bioaccumulative and Toxic  
PNEC : Predicted No Effect Concentration  
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals  
STEL : Short term exposure limit  
STOT : Specific Target Organ Toxicity  
vPvB : very Persistent and very Bioaccumulative

#### Key literature references and sources for data used to compile the SDS Training Advice Disclaimers

Regulation (EC) No. 1272/2008 (CLP)  
Regular safety training as appropriate  
Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.