Date of Issue: 14-06-2024
Date of Revision: 08-05-2024

Shimmer Fountain Pen Ink

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

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

1.1 Product identifier

Product Name	Diamine Shimmer Fountain Pen Ink

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

Identified Use(s)	Preparation for use in writing instruments.
Uses Advised Against	Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer

Company Identification	Diamine Limited.
Address of Manufacturer	30 Farriers Way Industrial Estate Liverpool.
Postal code	L30 4XL.
Telephone:	+44 (0)151 524 3800.
Fax	Not known.
E-mail	admin@diamineinks.co.uk.
Office hours	

Supplier

Company Identification	Diamine Limited.
Address of Supplier	30 Farriers Way Industrial Estate Liverpool.
Postal code	L30 4XL.
Telephone:	+44(0) 151 524 3800.
Fax	Not known.
E-mail	admin@diamineinks.co.uk.
Office hours	

1.4 Emergency telephone number

Emergency Phone No.	+44 07525854168.
Contact	No information available.

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	Diamine Shimmer Fountain Pen Ink
Hazard Pictogram(s)	None.
Signal Word(s)	None.
Hazard Statement(s)	EUH208: Contains: 1,2-benzisothiaol-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

Date of Issue: 14-06-2024
Date of Revision: 08-05-2024

Shimmer Fountain Pen Ink

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
mica	12001-26-2	601-648-2	3.00	Not classified.	None
titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]	13463-67-7	236-675-5	1.00	Carc. 2 H351	GHS08
Diiron trioxide	1309-37-1	215-168-2	0.40	Not classified	None
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
Tin Oxide	18282-10-5	242-159-0	0.01	Not classified.	None
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) : 450 (21st ATP)
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 Aquatic Chronic 1: 100	Acute Tox. 3 (H301) : 100 Acute Tox. 2 (H310) : 50 Acute Tox. 2 (H330) : 0.500
		Skin Irrit. 2	C>= 0.06 < 0.60		
		Skin Sens. 1A	C>= 0.0015 <= 100.00		
		Eye Dam. 1	C>= 0.60 <=		

Date of Issue: 14-06-2024
Date of Revision: 08-05-2024

Shimmer Fountain Pen Ink

			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) Iron oxide, fume (as Fe) (1309-37-1)
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.

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
Keep Container tightly closed when not in use. Avoid contact with eyes and skin.

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

Date of Issue: 14-06-2024
Date of Revision: 08-05-2024

Shimmer Fountain Pen Ink

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note
Glycerol, mist	56-81-5		10			
Mica total inhalable	12001-26-2		10			
Mica respirable	12001-26-2		0.8			
Titanium dioxide total inhalable	13463-67-7		10			
Titanium dioxide respirable	13463-67-7		4			
Iron oxide, fume (as Fe)	1309-37-1		5		10	
Rouge total inhalable	1309-37-1		10			
Rouge respirable	1309-37-1		4			
Tin compounds, inorganic except SnH4, (as Sn)	18282-10-5		2		4	

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.

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	Mobile coloured liquid
Odour	Low.
Melting point/freezing point	Not known.
Boiling point or initial boiling point and boiling range	100c
Flammability	N/A.
Lower and upper explosion limit	N/A
Flash Point	N/A.
Auto-ignition temperature	N/A
Decomposition Temperature	Not known.

Date of Issue: 14-06-2024
Date of Revision: 08-05-2024

Shimmer Fountain Pen Ink

pH	3 -.8.5
Kinematic Viscosity	Not known.
Solubility	Solubility (Water) : Misable. Solubility (Other) : Not known.
Partition coefficient n-octanol/water (log value)	Not known.
Vapour pressure	No data available.
Density and/or relative density	Not known.
Relative density	0.85 - 1.2
Particle characteristics	Not applicable only applies to solids

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. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 17241.38
Skin corrosion/irritation	Calculation method : Not classified.
Serious eye damage/irritation	Calculation method : Not classified.
Skin sensitization data	Calculation method : Not classified.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified.
Carcinogenicity	Calculation method : Not classified.
Reproductive toxicity	Calculation method : Not classified.
Lactation	Calculation method : Not classified.
STOT - single exposure	Calculation method : Not classified.
STOT - repeated exposure	Calculation method : Not classified.
Aspiration hazard	Calculation method : Not classified.

11.2 Information on other hazards

Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment Compartment	Not classified.

Date of Issue: 14-06-2024
Date of Revision: 08-05-2024

Shimmer Fountain Pen Ink

Toxicity - Terrestrial Compartment Not classified.

12.2 Persistence and degradability
Not known.

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

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)-one1,2-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)	titanium dioxide (13463-67-7)
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	Not listed

Date of Issue: 14-06-2024
Date of Revision: 08-05-2024

Shimmer Fountain Pen Ink

concerning the export and import of hazardous chemicals

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
GHS08: GHS: Health hazard
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
Carc. 2 : Carcinogenicity, 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.
H310: Fatal in contact with skin.
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.
H330: Fatal if inhaled.
H351: Suspected of causing cancer.
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.

Precautionary Statement(s): None.

Acronyms:
ATE : Acute Toxicity Estimate
CAS : Chemical Abstracts Service
CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of

Date of Issue: 14-06-2024
Date of Revision: 08-05-2024

Shimmer Fountain Pen Ink

	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	Regulation (EC) No. 1272/2008 (CLP)
Training Advice	Regular safety training as appropriate
Disclaimers	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.