

Safety Data Sheet

OSHA 29 CFR 1910.1200

Printing Date: May 27, 2022

Version No.: 1.0

Revision: May 27, 2022

1 Identification

• **Product identifier**

• **Trade name:**

Water Color Pen ink

• **Other means of identification:**

No available data.

• **Recommended use of the chemical and restrictions on use**

• **Application of the substance/ mixture:**

Consumer uses, painting tools.

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

Manufacturer/Supplier:

Beifa Group Co., Ltd.

No.68 Weiliu Road, Beilun District, Ningbo China 315821

Tel: 0574-56786703

Email: Cff@beifa.com

• **Other US contact point:**

No information available.

• **Further information obtainable from:**

Beifa Group Co., Ltd.

• **Emergency telephone number**

US Poison Center

Tel: + 1 800 222 1222 (24hours available)

2 Hazard(s) identification

• **Classification of the substance or mixture:**

This product is not classified according to OSHA 2012 Hazard Communication Standard (29 CFR 1910.1200).

Hazard class	Hazard category
Not applicable	Not applicable

• **Classification system:**

The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200) and extended by company and literature data.

• **Label elements**

• **Labeling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)**

• **Hazard pictograms:**

Not applicable

• **Signal word:**

Not applicable

• **Hazard-determining components of labelling:**

Not applicable

• **Hazard statements:**

Safety Data Sheet
OSHA 29 CFR 1910.1200

Printing Date: May 27, 2022

Version No.: 1.0

Revision: May 27, 2022

Trade Name: Water Color Pen ink

Not applicable

• **Precautionary statement:**

Not applicable

• **Hazards not otherwise classified (HNOC):**

No known otherwise classified hazards.

3 Composition/information on ingredients

• **Chemical characterization:**

Mixture

• **Description:**

Water Color Pen ink.

• **Components:**

CAS No.	Composition Name	w/w, %
7732-18-5	Water	88.76-84.81
56-81-5	Glycerol	10
122-99-6	Phenoxyethanol	0.84
68439-46-3	Alcohols, C9-11, ethoxylated	0.1
9002-92-0	Polyoxyethylene lauryl ether	0.1

May contains:

915-67-3	Amaranth	0.12-0.96
1934-21-0	Tartrazine	0.04-1.12
3844-45-9	Brilliant Blue	0.05-1.67
2611-82-7	Ponceau 4r	0.25-2.2
3520-42-1	C.I. Acid Red 52	0.35-1.44
17372-87-1	C.I. Acid Red 87	0.2-0.45
2783-94-0	Sunset Yellow	0.13-0.9

4 First aid measures

• **Description of first aid measures**

After inhalation:

Supply with fresh air.

Call for doctor/physician if you feel unwell.

After skin contact:

No special measured required.

If skin irritation / allergic occurs: Get medical advice/attention.

After eye contact:

Rinse cautiously with water for several minutes.

If eye irritation persists: Get medical advice/attention.

After swallowing:

Safety Data Sheet
OSHA 29 CFR 1910.1200

Printing Date: May 27, 2022

Version No.: 1.0

Revision: May 27, 2022

Trade Name: Water Color Pen ink

Wash mouth with water.

Call for doctor/physician if you feel unwell.

• **Information for doctor**

• **Most important symptoms and effects, both acute and delayed:**

No known symptoms or effects.

• **Indication of any immediate medical attention and special treatment needed:**

No special immediate medical attention and special treatment needed.

5 Fire-fighting measures

• **Suitable extinguishing agents:**

Use CO₂, chemical dry powder, water spray or alcohol resistant foam to extinguish.

• **Special hazards arising from the substance or mixture:**

May produce irritant dust/vapor under fire.

• **Special protective equipment and precaution for firefighters**

Protective equipment:

Wear fully protective suit and mouth respiratory protective device.

6 Accidental release measures

• **Personal precautions, protective equipment and emergency procedures:**

Cut off the leakage source, and collect spillage timely.

Ensure adequate ventilation.

Avoid contact with eyes.

• **Environmental precautions:**

Do not allow the product to enter sewers/surface or ground water.

Inform respective authorities in case of seepage into water course or sewages system.

• **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

7 Handling and storage

• **Handling**

• **Precautions for safe handling:**

Avoid contact with eyes.

• **Information about fire and explosion protection:**

Normal measures for preventive fire protection.

• **Conditions for safe storage, including any incompatibilities**

• **Requirements to be met by storerooms and receptacles:**

Safety Data Sheet
OSHA 29 CFR 1910.1200

Printing Date: May 27, 2022

Version No.: 1.0

Revision: May 27, 2022

Trade Name: Water Color Pen ink

Store in a well-ventilated place.

• **Information about storage in one common storage facility:**

Keep away out of reach of children.

• **Further information about storage conditions:**

Store locked up.

8 Exposure controls/personal protection

• **Components with limit values that require monitoring at the workplace:**

CAS No.	Composition	OSHA PEL	NIOSH REL	ACGIH TLV	Cal/OSHA PEL
56-81-5	Glycerol	15 mg/m ³ (total dust), 5 mg/m ³ (respirable)	-	-	10 mg/m ³ (total dust), 5 mg/m ³ (respirable fraction)

• **Additional information:**

The lists that were valid during the creation were used as basis.

• **Based on the composition shown in section 3, the following measures are suggested for occupational safety measure:**

• **Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice.

Wash hands and face after handling.

See section 7 for information about design of technical facilities.

• **Personal protective equipment:**

• **Breathing equipment:**

Suitable respiratory protective device recommended.

• **Protection of hands:**

No special protection of hands required.

• **Eye protection:**

No special eye protection required.

• **Body Protection:**

No special body protection required.

9 Physical and chemical properties

• **Information on basic physical and chemical properties**

• **Appearance:**

Form	Liquid
Color	Various
Odor	Odorless
Odor threshold	Not applicable
• pH-value	4-8 (20°C, 100/l)
• Change in condition	
Melting point/melting range	Not determined.
Boiling point and boiling range	100°C (water)

Safety Data Sheet
OSHA 29 CFR 1910.1200

Printing Date: May 27, 2022

Version No.: 1.0

Revision: May 27, 2022

Trade Name: Water Color Pen ink
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· Freezing point	Not determined.
· Flash point	191°C (Glycerol)
· Flammability	Not flammable liquid
· Decomposition temperature	Not determined.
· Self-ignition	400°C (Glycerol)
· Danger of explosion	Product does not present explosive hazard.
· Explosion limits	
Lower:	Not explosive
Upper:	Not explosive
· Oxidizing properties	Not oxidizing agent
· Vapor pressure	Not determined.
· Density	Not determined.
· Relative density	Not determined.
· Vapor density	Not determined.
· Evaporation rate	Not determined.
· Solubility in/Miscibility with	
Water	Soluble in water
· Partition coefficient (n-octanol/water)	Not determined.
· Viscosity	
Dynamic	Not determined.
Kinematic	Not determined.
· Other information	Not determined.

10 Stability and reactivity

· Reactivity:

No decomposition if used according to specification.

· Chemical stability:

Stable under recommended storage conditions.

· Possibility of hazardous reactions:

No known hazardous reaction.

· Conditions to avoid:

High temperature.

· Incompatible materials:

Strong acid, strong oxidizing agent.

· Hazardous decomposition products:

No known hazardous decomposition products.

Safety Data Sheet
OSHA 29 CFR 1910.1200

Printing Date: May 27, 2022

Version No.: 1.0

Revision: May 27, 2022

Trade Name: Water Color Pen ink

11 Toxicological information

• **Acute toxicity:** Not acute toxicity mixture.

LD50/LC50 values that is relevant for classification:

56-81-5 Glycerol

Guinea pig	LD50-oral	7750mg/kg
Rat	LD50-oral	12600mg/kg
Mouse	LD50-oral	4090mg/kg
Rabbit	LD50-oral	27000mg/kg
	LD50-skin	>10000mg/kg

122-99-6 Phenoxyethanol

Mouse	LD50-oral	933mg/kg
Rabbit	LD50-skin	5ml/kg
Rat	LD50-oral	1260mg/kg
	LC50-skin	14422mg/kg

Remark: All the above data are from literature.

• **Primary irritant effect**

• **Skin corrosion/irritation:**

Not irritant to skin.

• **Serious eyes damage/ irritation:**

Not irritant to eyes.

• **Sensitization:**

Not sensitive to skin or respiratory.

Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations.

• **Carcinogenic categories**

• **IARC (International Agency for Research on Cancer):**

3844-45-9	Brilliant Blue	3
2783-94-0	Sunset Yellow	3

• **NTP (National Toxicology Program):** None of the ingredients is listed.

12 Ecological information

• **Toxicity:**

No available data.

• **Persistence and degradability:**

No available data.

• **Bio-accumulative potential:**

No available data.

• **Mobility in soil:**

Safety Data Sheet

OSHA 29 CFR 1910.1200

Printing Date: May 27, 2022

Version No.: 1.0

Revision: May 27, 2022

Trade Name: Water Color Pen ink

No available data.

 · **Additional ecological information**

 · **Other adverse effects:**

No further relevant information available.

13 Disposal consideration

 · **Waste treatment methods**

 · **Recommendation:**

Small quantities can be disposed together with household garbage.

Large quantities disposed must be in according to the local regulation.

 · **Un-cleaned packaging**

 · **Recommendation:**

Dispose of contents/container in according to the local regulation.

14 Transport information

 · **UN-Number**

DOT, IATA-DGR, IMO/IMDG

Not regulated

 · **UN proper shipping name**

DOT, IATA-DGR, IMO/IMDG

Void

 · **Transport hazard class (es)**

DOT, IATA-DGR, IMO/IMDG

Class

Void

Label

Void

 · **Packing group**

DOT, IATA-DGR, IMO/IMDG

Void

 · **Environmental hazardous**

Marine pollution

No

 · **Special precautions for user**

Void

 · **Danger code (Kemler)**

Void

 · **EMS number**

Void

 · **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Void

15 Regulatory information

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

 · **Sara**

 · **Section 355 (extremely hazardous substances):**

Safety Data Sheet
OSHA 29 CFR 1910.1200

Printing Date: May 27, 2022

Version No.: 1.0

Revision: May 27, 2022

Trade Name: Water Color Pen ink

None of the ingredients is listed.

• Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

• TSCA (Toxic Substances Control Act):

7732-18-5	Water	Listed
56-81-5	Glycerol	Listed
122-99-6	Phenoxyethanol	Listed
68439-46-3	Alcohols, C9-11, ethoxylated	Listed
9002-92-0	Polyoxyethylene lauryl ether	Listed
915-67-3	Amaranth	Listed
1934-21-0	Tartrazine	Listed
3844-45-9	Brilliant Blue	Listed
2611-82-7	Ponceau 4r	Listed
3520-42-1	C.I. Acid Red 52	Listed
17372-87-1	C.I. Acid Red 87	Listed
2783-94-0	Sunset Yellow	Listed

• Proposition 65

• Chemicals known to cause cancer:

None of the ingredients is listed.

• Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

• Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

• Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

• Washington, WAC 173-334-130 (CHCC):

None of the ingredients is listed.

• Chemicals of Concern, published by Maine DEP on July, 2015: None of the ingredients is listed.

• Chemicals of High Concern to Children, published by Department of Health, Vermont, Rev Date Nov 24, 2014:

None of the ingredients is listed.

• High Priority Chemicals of Concern for children's Health, Oregon, update on May 18, 2016:

None of the ingredients is listed.

• Carcinogenicity categories

• EPA (Environmental Protection Agency):

None of the ingredients is listed.

• TLV (Threshold Limit Value established by ACGIH):

None of the ingredients is listed.

• NIOSH-Ca (National Institute for Occupational Safety and Health):

None of the ingredients is listed.

Safety Data Sheet
OSHA 29 CFR 1910.1200

Printing Date: May 27, 2022

Version No.: 1.0

Revision: May 27, 2022

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None of the ingredients is listed.

16 Other information

The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g).

DISCLAIMER OF LIABILITY:

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

· Abbreviations and acronyms:

DOT: Department of Transportation

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

PEL: Permissible Exposure Limit

TLV: Threshold limit value

REL: Recommended Exposure Limit

End of safety data sheet

The test item is subcontracted to other lab.Customer service: SherryYang@eurofins.com/ +86 571 87203730Sales specialist: DannyDai@eurofins.com/