

SDS Report

No.: 70.452.24.30443.01

Date: 2024-03-05



Applicant: BEIFA GROUP CO. LTD
Address: NO. 68, WEILIU ROAD, BEILUN DISTRICT · NINGBO,ZHEJIANG, 315821, CHINA
Sample Description: fineliner
Receipt Date of Sample: 2024-02-26
Last Information Date: /
SDS Preparation Period 2024-02-26 ~ 2024-02-29
Test Result: Refer to the data listed in following pages.

Test Item(s):

Based on the information provided by the applicant, the Safety Data Sheet (SDS) was generated in accordance with requirements of European Commission Regulation (EC) No 1907/2006, Regulation (EC) No 1272/2008 and Regulation (EU) No 2020/878, for details please refer to attached pages.

TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch Testing Center

Prepared by:

Rainie Dai

Rainie Dai
Reporting Representative

Authorized by:

Neko Ding

Neko Ding
Director

Note:

- (1) The TÜV SÜD Certification and Testing (China) Co., Ltd. "General Terms & Conditions" applied. Any use for advertising purposes must be granted in writing. This technical report may only be quoted in full. This report is the result of a single examination of the object in question and is not generally applicable evaluation of the quality of other products in regular production.
For further details, please see "Testing and certification regulation", chapter A-3.4
For full version, please visit: EN : <https://www.tuvsud.cn/zh-cn/resource/terms-and-conditions---en> ; SCN: <https://www.tuvsud.cn/zh-cn/terms-and-conditions> ; TCN: <https://www.tuvsud.com/zh-tw/terms-and-conditions>
- (2) The results relate only to the Items tested.
- (3) The test report shall not be reproduced except in full without the written approval of the laboratory
- (4) **Disclaimer Measurement Uncertainty:**
Unless otherwise agreed upon, Pass or Fail verdicts are given based on the measured values without any considerations of measurement uncertainties.
Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO/IEC 17025 requirements. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as Pass nor as Fail.

Safety data sheet
Regulation (EC) No. 1907/2006 and 1272/2008

Printing date 29.02.2024

Version number 1

Revision: 29.02.2024

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** *Fineliner*
- **UFI:** PNW2-T0JQ-A001-KH96

- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the mixture:** *Writing*

- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Beifa Group Co. Ltd.
No. 68, Weiliu Road, Beilun District, Ningbo, Zhejiang, 315821, China.
Tel: +86-(0)15888516428
Email: fionajia@beifa.com
Fax: +86-(0)574-56786259
QQ: 409037138
- **Only Representative/ other EU contact point:** *Not available*
- **Further information obtainable from:** *Beifa Group Co. Ltd.*

- **1.4 Emergency telephone number:**
Fiona Jia
Tel: +86-(0)575-56786889

- **GERMANY**
Poison Center Berlin - Institute of Toxicology
Tel: +49 030 192 40

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The product is not classified according to the CLP regulation.
- **Information concerning particular hazards for human and environment:**
The product has not to be labelled due to the calculation procedure of Regulation (EC) No 1272/2008.
- **Classification system:**
The classification is according to the latest edition of Regulation (EC) No 1272/2008, and extended by company and literature data.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** *Not applicable.*
- **Hazard pictograms** *Not applicable.*
- **Signal word** *Not applicable.*

- **Hazard-determining components of labelling:** *Not applicable.*
- **Hazard statements** *Not applicable.*
- **Precautionary statements** *Not applicable.*

- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:**
Mixture of the substances listed below with nonhazardous additions.
For the wording of the listed hazard statements refer to Section 16.

(Contd. on page 2)

Safety data sheet
Regulation (EC) No. 1907/2006 and 1272/2008

Printing date 29.02.2024

Version number 1

Revision: 29.02.2024

Trade name: Fineliner

(Contd. of page 1)

· Composition:		
CAS: 7732-18-5 EINECS: 231-791-2	Water	75.29-79.65%
CAS: 56-81-5 EINECS: 200-289-5	Glycerol substance with a Community workplace exposure limit	10.0%
CAS: 57-55-6 EINECS: 200-338-0	Propylene glycol substance with a Community workplace exposure limit	10.0%
CAS: 2611-82-7 EINECS: 220-036-2	Acid Red 18	0-4.5%
CAS: 85631-88-5 EINECS: 288-038-6	Direct Black 168 Aquatic Chronic 3, H412	0-3.5%
CAS: 1934-21-0 EINECS: 217-699-5	Acid Yellow 23	0-3%
CAS: 2650-18-2 EINECS: 220-168-0	Acid blue 9	0-2.5%

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth with water.
Never give anything by mouth to an unconscious person.
Seek medical treatment.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **Protective equipment:**
Mouth respiratory protective device.
Wear fully protective suit.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation.
Use respiratory protective device against the effects of fumes/dust/aerosol.
Avoid contact with eyes.
Avoid contact with skin.
- **6.2 Environmental precautions:**
Dilute with plenty of water.

(Contd. on page 3)

Safety data sheet
Regulation (EC) No. 1907/2006 and 1272/2008

Printing date 29.02.2024

Version number 1

Revision: 29.02.2024

Trade name: Fineliner

(Contd. of page 2)

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

· **6.3 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 section 13.

· **6.4 Reference to other sections**

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

· **7.1 Precautions for safe handling**

Keep away from heat and direct sunlight.
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
Avoid contact with eyes and skin.
For the general occupational hygienic measures refer to Section 8.

· **Information about fire - and explosion protection:** Normal measures for preventive fire protection.

· **7.2 Conditions for safe storage, including any incompatibilities**

· **Requirements to be met by storerooms and receptacles:** Store in a cool location.
· **Information about storage in one common storage facility:** Store away from foodstuffs.
· **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

· **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

56-81-5 Glycerol

AGW (Germany)	Long-term value: 200 E mg/m ³ 2 (I);DFG, Y
LEP (Spain)	Long-term value: 10 mg/m ³
VLA(ED) (Spain)	VLA(ED): 10 mg/m ³
VLEP (France)	Long-term value: 10 mg/m ³
WEL (Great Britain)	Long-term value: 10 mg/m ³
TWA (Italy)	Long-term value: (10) mg/m ³
HTP (Finland)	Long-term value: 20 mg/m ³

57-55-6 Propylene glycol

MAK (Germany)	als Dampf und Aerosol;vgl.Abschn.IIb und Xc
WEL (Great Britain)	Long-term value: 474* 10** mg/m ³ , 150* ppm *total vapour and particulates **particulates

· **Regulatory information**

AGW (Germany): TRGS 900
LEP (Spain): Límites de exposición profesional para agentes químicos
VLEP (France): ED 1487 05.2021
WEL (Great Britain): EH40/2020
TWA (Italy): Valori Limite di Soglia
HTP (Finland): 654/2020
MAK (Germany): MAK- und BAT-Liste

· **DNELs:** Data not available.

· **PNECs:** Data not available.

(Contd. on page 4)

Safety data sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing date 29.02.2024

Version number 1

Revision: 29.02.2024

Trade name: Fineliner

(Contd. of page 3)

- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure**
- **Appropriate engineering controls** See Section 7 for information about design of technical facilities.
- **Individual protection measures, such as personal protective equipment**
- **Respiratory protection:** Suitable respiratory protective device recommended.
- **Hand protection**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

- **Material of gloves:**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material:**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eyeface protection**



Tightly sealed goggles

- **Environmental exposure controls:**
Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Physical state** Fluid
- **Colour:** Black, Gray, Light Pink, Grassgreen, Dark Green, Red, Orange, Blue, Brown, Yellow, Violet, Light Blue
- **Odour:** Odourless
- **Odour threshold:** Data not available.
- **Melting point/freezing point:** Data not available.
- **Boiling point or initial boiling point and boiling range** Data not available.
- **Flammability** Data not available.
- **Lower and upper explosion limit**
- **Lower:** Data not available.
- **Upper:** Data not available.
- **Flash point:** Data not available.
- **Auto-ignition temperature:** Data not available.
- **Decomposition temperature:** Data not available.
- **pH** Data not available.
- **Viscosity:**
- **Kinematic viscosity** Data not available.

(Contd. on page 5)

Safety data sheet
Regulation (EC) No. 1907/2006 and 1272/2008

Printing date 29.02.2024

Version number 1

Revision: 29.02.2024

Trade name: Fineliner

(Contd. of page 4)

· Dynamic:	Data not available.
· Solubility	
· water:	Data not available.
· Partition coefficient (n-octanol/water):	Data not available.
· Vapour pressure:	Data not available.
· Density and/or relative density	
· Density:	Data not available.
· Relative density:	Data not available.
· Vapour density:	Data not available.
· 9.2 Other information	
· Appearance:	
· Form:	Liquid
· Important information on protection of health and environment, and on safety.	
· Self-igniting:	Data not available.
· Explosive properties:	Product does not present an explosion hazard.
· Change in condition:	
· Softening point/range	
· Oxidizing properties:	Data not available.
· Evaporation rate:	Data not available.
· Information with regard to physical hazard classes	
· Explosives	Data not available.
· Flammable gases	Not applicable.
· Aerosols	Not applicable.
· Oxidising gases	Not applicable.
· Gases under pressure	Not applicable.
· Flammable liquids	Not flammable.
· Flammable solids	Not applicable.
· Self-reactive substances and mixtures	Data not available.
· Pyrophoric liquids	Data not available.
· Pyrophoric solids	Not applicable.
· Self-heating substances and mixtures	Data not available.
· Substances and mixtures, which emit flammable gases in contact with water	Data not available.
· Oxidising liquids	Data not available.
· Oxidising solids	Not applicable.
· Organic peroxides	Data not available.
· Corrosive to metals	Data not available.
· Desensitised explosives	Data not available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No decomposition if used according to specifications.
- **10.2 Chemical stability** Stable under recommended storage conditions.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

EU

(Contd. on page 6)

Safety data sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing date 29.02.2024

Version number 1

Revision: 29.02.2024

Trade name: Fineliner

(Contd. of page 5)

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values relevant for classification:**

57-55-6 Propylene glycol

Oral	LD50	20,000 mg/kg (rat)
Dermal	LD50	20,800 mg/kg (rabbit)

56-81-5 Glycerol

Oral	LD50	4,090 mg/kg (mouse)
		12,600 mg/kg (rat)
		27,000 mg/kg (rabbit)

1934-21-0 Acid Yellow 23

Oral	LD50	12,750 mg/kg (mouse)
------	------	----------------------

2611-82-7 Acid Red 18

Oral	LD50	>8,000 mg/kg (rat)
------	------	--------------------

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects** No further relevant information available.
- **12.7 Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

EU

(Contd. on page 7)

Safety data sheet
Regulation (EC) No. 1907/2006 and 1272/2008

Printing date 29.02.2024

Version number 1

Revision: 29.02.2024

Trade name: Fineliner

(Contd. of page 6)

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- | | |
|--|--|
| · 14.1 UN number or ID number
· ADR/RID/ADN, IMDG, IATA | Not applicable. |
| · 14.2 UN proper shipping name
· ADR/RID/ADN, IMDG, IATA | Not applicable. |
| · 14.3 Transport hazard class(es)
· ADR/RID/ADN, IMDG, IATA
· Class | Not applicable. |
| · 14.4 Packing group
· ADR/RID/ADN, IMDG, IATA | Not applicable. |
| · 14.5 Environmental hazards | Not applicable. |
| · 14.6 Special precautions for user | Not applicable. |
| · 14.7 Maritime transport in bulk according to IMO instruments | Not applicable. |
| · 14.8 Transport/Additional information: | Not dangerous according to the above specifications. |
| · UN "Model Regulation": | Not applicable. |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **MAK(German Maximum Workplace Concentration)**
None of the ingredients is listed.
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**
None of the ingredients is listed.
- **REGULATION (EU) 2019/1148**
- **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**
None of the ingredients is listed.
- **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**
None of the ingredients is listed.
- **Regulation (EC) No 273/2004 on drug precursors**
None of the ingredients is listed.
- **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**
None of the ingredients is listed.

(Contd. on page 8)

Safety data sheet
Regulation (EC) No. 1907/2006 and 1272/2008

Printing date 29.02.2024

Version number 1

Revision: 29.02.2024

Trade name: Fineliner

(Contd. of page 7)

- **National regulations:**
- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **Other regulations, limitations and prohibitive regulations**

· SVHC Candidate List of REACH Regulation Annex XIV Authorisation
--

None of the ingredients is listed.

· REACH Regulation Annex XVII Restriction See Section 16 for information about restriction of use.
--

None of the ingredients is listed.

· REACH Regulation Annex XIV Authorisation List
--

None of the ingredients is listed.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

- **Relevant hazard statements**

H412 Harmful to aquatic life with long lasting effects.

- *****
 The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2020/878.

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.

In addition, transport information of Section 14 in the report was calculated theoretically, while the results are not always consistent with Certification for Safe Transport of Chemical Goods from the officially authorized agencies. Please consult the officially authorized agencies for the accurate transport information.

- **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

- *****
 End of document