

## Safety Data Sheet (SDS)

Prepared in accordance with Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2015/830.

### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product name:** Tattoo ink

**1.2. Relevant identified uses of the substance or mixture and uses advised against:** Tattoo, permanent makeup, and painting. Restrictions on use: Do NOT use it in an application which may contaminate food or do harm to human health.

#### 1.3. Details of the supplier of the safety data sheet

Company: Zhejiang Xiulong Biotechnology Co., Ltd.

Address: 199 Baoer Road, Xianhua Street, Pujiang 322299, Zhejiang

Tel.: +86-579-81065559

Fax: +86-579-81065559

Email: 123536512@qq.com

#### 1.4. Emergency telephone number

Emergency telephone number: Tel: +86-579-81065559

Intended use: Tattoo and permanent makeup.

Further information: Zhejiang Solong Biotechnology Co., Ltd.

### 2. Hazards identification

#### 2.1. Classification of the substance or mixture:

**2.1.1. Classification according to Regulation (EC) No 1272/2008 (CLP):** No hazard classification for this product.

**2.1.2. Additional information:** For full text of Hazard- and EU Hazard-statements: see SECTION 16.

#### 2.2. Label elements

**Labelling according to Regulation (EC) No 1272/2008 [CLP]:**

**Hazard Picograms:** Not applicable

**Signal Word:** Not applicable

**Hazard Statements:**

No relevant GHS classification for this product.

**Precautionary Statements:**

No special requirements.

**Response Precautionary Statements:**

No special requirements.

**Storage precautionary statements:**

No special requirements.

**Disposal precautionary statements:**

No special requirements.

#### 2.3. Other hazards: Not found.

### 3. Composition/information on ingredients

**Product description:** substance (); preparation/mixture (√)

Ingredients/ Components	CAS No.	EC No.	Index No.	EC No. 1272/2008 Classification		% by weight
				Hazard Class and Category Code (s)	Hazard statement Code (s)	
Pure water	7732-18-5	231-791-2	Not available	Not available	Not available	96.498%
Ethyl alcohol	64-17-5	200-578-6	603-002-00-5	Flam. Liq. 2	H225	1.584%
Listerine preservative	--	--	Not available	Not available	Not available	1.165%
Pigments	--	--	Not available	Not available	Not available	0.321%
Glycerin	56-81-5	200-289-5	Not available	Not available	Not available	0.267%
Propylene glycol	57-55-6	200-338-0	Not available	Not available	Not available	0.083%
Witch hazel tincture	--	--	Not available	Not available	Not available	0.082%

### 4. First aid measures

#### 4.1. Description of first aid measures:

**General notes:** No hazard classification for this product.

**Following eye contact:** No special measures as there is no hazard for normal contact. If eye irritation persists: Get medical advice/attention.

**Following skin contact:** No special measures as there is no hazard for normal contact. If skin irritation occurs: Get medical advice/attention.

**Following inhalation:** No special measures as there is no hazard for normal contact.

**Following ingestion:** No special measures as there is no hazard for normal contact.

**Self-protection of the first aider:** No special requirement.

**4.2. Most important symptoms/effects, acute and delayed:** Acute effect: Not found. Delayed effect: Not found.

**4.3. Indication of any immediate medical attention and special treatment needed:** Treat according to symptoms.

### 5. Fire-fighting measures

#### 5.1. Extinguishing Media

**Suitable extinguishing media:** This product is not flammable, as for a fire caused by surrounding ignition sources, choose proper extinguishers according to fire types. Seek advice from local fire-fighting authority.

**Unsuitable Extinguishing Media:** High volume water jet. Discharging cylinder shape water from fire hose may lead to spread fire to the surroundings.

**5.2. Special hazards arising from the substance or mixture:** The product is not flammable, and has no special danger.

**Hazardous combustion products:** No hazardous decomposition products are found.

#### 5.3. Advice for fire-fighters:

For initial fire, use dry powder, carbon dioxide, etc.

For large fire, it is effective to use fire foam, etc. to shut off air supply.

Fire-fighters must wear self-contained breathing apparatus and full protective equipment (e.g. fire-retardant clothing).

Deny unnecessary entry to the place around the fire.  
Remove containers from fire area if it can be done without risk.  
Cool surrounding facilities, etc. with water spray.  
Extinguish fire from upwind, and the fire extinguishing method should be appropriate to the situation in the surroundings.

## 6. Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures:** Use proper personal protective equipment as indicated in Section 8.
- 6.2. Environmental Precautions:** Keep cleaning run-offs out of municipal sewers and open bodies of water. Comply with local and national laws and regulations.
- 6.3. Methods and materials for containment and cleaning up:**  
**Small Spill:**  
Mop up or absorb with an inert dry material (e.g. sand, dry lime) and place in an appropriately labeled waste disposal container.  
**Large Spill:**  
Isolate contaminated area and set up a warning board. The persons handling emergency are recommended wearing protective clothing. Do NOT touch spilled material.  
Build up dike or dig pit for collection. Collect the spilled material with appropriate tools into an appropriate container and transport the waste to the disposal place.
- 6.4. Reference to other sections:** For more information, please refer to Section 8 and Section 13.

## 7. Handling and storage

- 7.1. Precautions for safe handling:**  
Wash hands thoroughly after handling.  
Avoid damage of packaging or containers during handling.
- 7.2. Conditions for safe storage, including any in compatibilities**  
**Technical measures and storage conditions:** Store it in a well-ventilated, cool and dry store room.  
**Incompatible materials:** Strong oxidizing agents.  
**Packaging materials:** No data available.  
**Requirements for storage rooms and vessels:** Well-ventilated and dry.  
**Storage class**  
**Further information on storage conditions:** The storeroom should be equipped with proper facilities for accidental fire.
- 7.3. Specific end use(s):** Tattoo and Permanent Makeup.

## 8. Exposure controls/personal protection

### 8.1. Control parameters:

Ingredients	COSHH Workplace exposure limits-TWA	OSHA PEL-TWA	ACGIH TLV-TWA
Ethyl alcohol (CAS: 64-17-5)	1000ppm	1000 ppm	1000 ppm
Glycerin (CAS: 56-81-5)	10 mg/m <sup>3</sup>	5mg/m <sup>3</sup> (mist)	Not available
Propylene glycol (CAS: 57-55-6)	150ppm	Not available	Not available

## 8.2. Exposure controls:

### 8.2.1. Appropriate engineering controls

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. Install washer eyes and safety showers near to the handling and storage area.

### 8.2.2. Personal protection equipment:

#### Hand protection:

Recommend wearing protective gloves for industrial hygienic purpose. (e.g. Rubber gloves).



#### Eye protection:

No special requirements under normal conditions. Wear safety glasses when liquid may splash.



#### Respiratory Protection:

Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms occur.



#### Body Protection:

Recommend wearing general working clothing.



#### General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Avoid contact with eyes and broken skin.

### 8.2.3 Environmental exposure controls:

Maintain levels below Community environmental protection thresholds.

## 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### General Information

Appearance	Many colours liquid
Odour	Odourless
Odour threshold	No data available
pH	No data available

<b>Melting point/freezing point</b>	No data available
<b>Initial boiling point and boiling range</b>	Approx. 100 °C
<b>Flash point</b>	No data available
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	Non-flammable
<b>Flammable/Explosive Limits-Lower Vol %</b>	No data available
<b>Flammable/Explosive Limits-Upper Vol %</b>	No data available
<b>Vapour pressure</b>	No data available
<b>Vapour density</b>	No data available
<b>Density</b>	Approx. 1.0
<b>Solubility (water)</b>	No data available
<b>Partition coefficient: n-octanol/water</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>Viscosity</b>	No data available
<b>Explosive properties</b>	No data available
<b>Oxidizing properties</b>	No data available

**9.2. Other information:** Not available.

## 10. Stability and reactivity

**10.1. Reactivity:** No information available.

**10.2. Chemical stability:** This product is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

**10.3. Possibility of hazardous reactions:** The product is not flammable, and has no special danger.

**10.4. Conditions to avoid:** Excessive heat.

**10.5. Incompatible materials:** Strong oxidizing agents.

**10.6. Hazardous decomposition products:** No hazardous decomposition products are found.

## 11. Toxicological information

**11.1. Information on toxicological effects:**

**Acute toxicity:**

<b>Ingredient (s)</b>	<b>CAS No.</b>	<b>LD<sub>50</sub>/LC<sub>50</sub> (Median lethal dose)</b>
Ethyl alcohol	64-17-5	Acute toxicity (Oral) LD <sub>50</sub> > 10,000mg/kg (rat) Data source: ECHA
Glycerin	56-81-5	Acute toxicity (Oral) LD <sub>50</sub> > 10,000mg/kg (rat) Data source: ChemIDplus Acute toxicity (Dermal) LD <sub>50</sub> > 10,000mg/kg (rabbit) Data source: ChemIDplus Acute toxicity (Inhalation) LD <sub>50</sub> > 570mg/m <sup>3</sup> /1h (rat) Data source: ChemIDplus
Propylene glycol	57-55-6	Acute toxicity (Oral) LD <sub>50</sub> : 20,000mg/kg (rat)

		Data source: ChemIDplus Acute toxicity (Dermal) LD <sub>50</sub> : 20,800mg/kg (rabbit) Data source: ChemIDplus
Classification of the whole product:		Not classified
<b>Skin corrosion/irritation:</b>		No classification for this product.
<b>Serious eye damage/eye irritation</b>		No classification for this product.
<b>Respiratory sensitizer:</b>		No classification for this product.
<b>Skin sensitizer:</b>		No classification for this product.
<b>Germ cell mutagenicity:</b>		No classification for this product.
<b>Carcinogenicity:</b>		No classification for this product.
<b>Reproductive Toxicity:</b>		No classification for this product.
<b>Specific target organ toxicity, single exposure:</b>		No classification for this product.
<b>Specific target organ toxicity, repeated exposure:</b>		No classification for this product.
<b>Aspiration hazard:</b>		No classification for this product.
<b>Effects on or via lactation:</b>		No classification for this product.

## 12. Ecological information

- 12.1. Toxicity:** No data available for the whole product.
- 12.2. Persistence and Degradability:** No information available.
- 12.3. Bioaccumulative Potential:** No information available.
- 12.4. Mobility in Soil:** When it is in liquid status, it can move in soil.
- 12.5. Results of PBT and vPvB Assessment:** No information available.
- 12.6. Other adverse effects:** Not found.
- 12.7. Additional information:** No information available.

## 13. Disposal considerations

### 13.1 Waste treatment methods

#### 13.1.1 Product / Packaging disposal:

Minimize the hazard of waste by the methods of neutralization and stabilization.  
After contents are completely removed, dispose of its container at hazardous or special waste collection point.

#### Waste codes / waste designations according to LoW

EWC code: Not applicable.

In other countries different conditions might be valid. All national and local laws have to be considered.

#### 13.1.2 Waste treatment-relevant information:

Paste a label on the container indicating the possible hazards of the waste.

#### 13.1.3 Sewage disposal-relevant information:

Do not discharge waste into sewage without any treatment.

**13.1.4 Other disposal recommendations:** Any disposal practice must be in compliance with country, local, state, and federal laws and regulations.

## 14. Transport Information

### ADR and RID / Air-Transportation- IATA/ICAO/Sea-Transportation-IMO/IMDG.:

**14.1. UN 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.

**Assigned Pictogram:** Not applicable.

**14.5. Environmental hazards (Marine Pollutant (Yes/No)):** No

**EMS NO.:** Not applicable.

**14.6. Special precautions for user:** Check whether the package is completed or sealed before transporting; make sure no damage of packages and prevent goods from falling down during transporting; the transport vehicle should be equipped with facilities for fire-fighting and accidental release handling; do NOT transport this product together with incompatible substances; stay away from fire and areas of high temperature during stopovers.

**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code:** Not applicable.

## 15. Regulatory information

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

**Candidate List of Substances of very high concern (SVHC) according to ECHA:** Not listed.

**REACH Regulation Annex XVII Regulation List:** Not listed.

**REACH Regulation Annex XIV Authorization List:** Not listed.

**Germany – WGK:** Not classified

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

### Other relevant regulations:

**Sara:**

**Section 355 (extremely hazardous substances):** Not listed.

**SARA 313:** This product does not contain SARA 313 Toxic Release Chemicals.

**Toxic Substances Control Act (TSCA):**

Ingredient (s)	CAS No.	TSCA Inventory
Pure water	7732-18-5	Listed
Ethyl alcohol	64-17-5	Listed
Glycerin	56-81-5	Listed
Propylene glycol	57-55-6	Listed

**Clean Water Act:**

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA – Hazardous Substances
Not applicable	Not applicable	Not listed	Not listed	Not listed

**Carcinogenicity categories:** Not listed by ACGIH, IARC and NTP.

## 16. Other information

### DISCLAIMER:

All the information of this SDS is true and effective, and only for reference. Our company will not control the way how people use it, neither will we be responsible for any consequence. The users shall decide how to properly use the product or adopt certain production way for some special purpose. The above mentioned precautionary measures are helpful to avoid damage to the property or life safety during the operation or use of this product.

### References:

EC No.1907/2006 (REACH)

EC No. 1272/2008 (CLP)

Commission Regulation (EU) 2015/830

### For full text of Hazard- and EU Hazard-statements:

Flam. Liq. 2	Flammable liquids, Category 2
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### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Not applicable	Not applicable

### Full description of some acronyms:

CAS-Chemical Abstracts Service

EINECS-European Inventory of Existing Commercial Chemical Substances

IMO-International Maritime Organization

IMDG-International Maritime Dangerous Goods

IATA-International Air Transport Association

ICAO-International Civil Aviation Organization

TSCA-Toxic Substance Control Act

OSHA-Occupational Safety and Health Administration

ACGIH-American Conference of Governmental Industrial Hygienists

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