

Safety Data Sheet (SDS)

Prepared in accordance with Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878.

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

1.1. Product identifier

Product name: Tattoo ink

The unique formula identifier (UFI): --

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: Yiwu City Solong Imp & Exp Co., Ltd.

Address: 719 South Chengdian Road, Choujiang Street, Yiwu, China

TEL: +86-579-81065559

FAX: +86-579-81065559

Email: 123536512@qq.com

1.4. Emergency telephone number

Emergency telephone number: +86-579-81065559

Opening hours: 8:00 am to 5:00pm

Other comments: None

2. Hazards identification

2.1. Classification of the substance or mixture:

2.1.1. Classification according to Regulation (EC) No 1272/2008 (CLP): No 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 Pictograms: Not applicable.

Signal Word: Not applicable.

Hazard Statements:

No relevant classification for this product.

Precautionary Statements:

No special requirement.

Response Precautionary Statements:

No special requirement.

Storage precautionary statements:

No special requirements.

Disposal precautionary statements:

No special requirement.

2.3. Other hazards

Substance meets the criteria for vPvB and PBT according to Regulation (EC) No 1907/2006, Annex XIII: This product does not contain any substances that are assessed to be a PBT or a vPvB.

Substance identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100: This product does not contain any substance which has been defined as having endocrine disrupting properties.

Other hazards which do not result in classification: Not found.

3. Composition/information on ingredients

Product description: substance (); mixture (√)

Ingredients/Components	CAS No.	EC No.	Index No.	REACH Registration No.	% by weight	Classification according to Regulation (EC) No 1278/2008 (CLP).	SCL/M-factor/ATE
Pure water	7732-18-5	231-791-2	--	--	96.498	Not Classified	Not applicable
Ethyl alcohol	64-17-5	200-578-6	603-002-00-5	--	1.584	Flam. Liq. 2; H225	Not applicable
Listerine preservative	--	--	--	--	1.165	Not Classified	Not applicable
Pigments	--	--	--	--	0.321	Not Classified	Not applicable
Glycerin	56-81-5	200-289-5	--	--	0.267	Not Classified	Not applicable
1,2-Propylene glycol	57-55-6	200-338-0	--	--	0.083	Not Classified	Not applicable
Witch hazel tincture	--	--	--	--	0.082	Not Classified	Not applicable

4. First aid measures

4.1. Description of first aid measures:

General notes: First-aid measures are generally necessary. Please show this SDS to doctors.

Following inhalation: No special measures as there is no hazard for normal contact. If discomfort occurs after inhaling vapours or fume from processing or thermal decomposition, remove to a place where air is fresh.

Following skin contact: No special measures as there is no hazard for normal contact. Wash with plenty water.

Following eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Following ingestion: Rinse mouth. Do not induce vomiting without professional instruction. Get medical advice/attention if you feel unwell.

Self-protection of the first aider: Wear protective gloves/protective clothing/eye protection/face protection.

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. Firefighting 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 information available.

5.3. Advice for firefighters:

Shut off air supply. Cool the surrounding area by spraying water with a spray nozzle to prevent the spread of fire.

Extinguish fire from upwind and cool down containers by water spray.

Remove containers from fire area if it can be done without risk.

Deny unnecessary entry to the place around the fire.

Special actions for fire-fighters: In case of fire - fighting, extinguish the fire from the windward and wear protective equipment. Wear non-permeable protective gear and gloves when possible to contact skin. Personnel who perform fire-fighting operations must wear air respirators and other protective devices to protect against hypoxia or harmful gas damage to the body.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:

Protective equipment: Use proper personal protective equipment as indicated in Section 8.

Emergency procedures: Due to the nature of this product, there are no special requirement.

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 material 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. Containers should be clearly marked for recycling or disposed as waste.

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 incompatibilities

Technical measures and storage conditions: Store it in a well-ventilated, cool and dry store room.

Incompatible materials: Strong oxidizing agents.

Packaging materials: No information available.

Requirements for storage rooms and vessels: Well-ventilated and dry.

Storage class: Class 12.

Further information on storage conditions: The storeroom should be equipped with proper facilities for accidental fire.

7.3. Specific end use(s): Tattoo, permanent makeup, and painting.

8. Exposure controls/personal protection

8.1. Control parameters:

Ethyl alcohol (CAS: 64-17-5)	ACGIH TLV - TWA	1000 ppm
	Austria - TWA	1000 ppm
	Belgium - TWA	1000 ppm
	Denmark - TWA	1000 ppm
	Finland - TWA	1000 ppm
	France - TWA	1000 ppm
	Germany - TWA	200 ppm
	Hungary - TWA	1900 mg/m ³
	Ireland - TWA	1000 ppm
	Latvia - TWA	1000 ppm
	Norway - TWA	500 ppm
	Poland - TWA	1900 mg/m ³
	Romania - TWA	1000 ppm
	Spain - TWA	1000 ppm
	Sweden - TWA	500 ppm
Switzerland - TWA	500 ppm	
The Netherlands - TWA	260 mg/m ³	
Glycerin (CAS: 56-81-5)	ACGIH TLV - TWA	--
	Belgium - TWA	10 mg/m ³
	Finland - TWA	20 mg/m ³
	France - TWA	10 mg/m ³
	Germany - TWA	200 mg/m ³
	Ireland - TWA	10 mg/m ³
	Poland - TWA	10 mg/m ³
	Spain - TWA	10 mg/m ³
	Switzerland - TWA	50 mg/m ³
1,2-Propylene glycol (CAS: 57-55-6)	ACGIH TLV - TWA	--
	Ireland - TWA	10 mg/m ³
	Latvia - TWA	7 mg/m ³
	Poland - TWA	100 mg/m ³

United Kingdom - TWA

10 mg/m³

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:

Protection of Hands: Recommend wearing protective gloves for industrial hygienic purpose.



Protection of Eyes: No special requirements under normal conditions. Wear safety glasses when liquid may splash.



Respiratory Protection: No special requirements under normal conditions. Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms occur.



Protection of Body: 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.

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

Physical state	Liquid
Colour	Many colours
Odour	Odorless
Odour threshold	No data available
Melting point/freezing point	No data available
Boiling point or initial boiling point and boiling range	Approx. 100 °C

Flammability	Non-flammable
Flammable/Explosive Limits-Lower Vol %	No data available
Flammable/Explosive Limits-Upper Vol %	No data available
Flash point	No data available
Relative vapor density	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH	No data available
Viscosity / dynamic	No data available
Solubility	No data available
Partition coefficient n-octanol/water (log value)	No data available
Vapour pressure	No data available
Specific gravity	No data available
Density and/or relative density	Approx. 1.0
Particle characteristics	Not applicable

9.2. Other information: Not available.

10. Stability and reactivity

10.1. Reactivity: Not reactive under normal handling and storage.

10.2. Chemical stability: Stable under normal temperatures and pressures.

10.3. Possibility of hazardous reactions: Not reactive under normal handling and storage.

10.4. Conditions to avoid: Excessive heat.

10.5. Incompatible materials: Strong oxidizing agents.

10.6. Hazardous decomposition products: No relevant information.

11. Toxicological information

11.1. Information on toxicological effects:

Acute toxicity:

Ingredient (s)	CAS No.	LD ₅₀ /LC ₅₀ (Median lethal dose)
Pure water	7732-18-5	No data available
Ethyl alcohol	64-17-5	Acute toxicity (Oral) LD ₅₀ : 10,470 mg/kg (rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ : 17,100 mg/kg (rabbit) Data source: ECHA
Listerine preservative	--	No data available
Pigments	--	No data available
Glycerin	56-81-5	Acute toxicity (Oral) LD ₅₀ : 27,200 mg/kg (rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ : 45 ml/kg (guinea pig) Data source: ECHA Acute toxicity (Inhalation) LC ₅₀ : 5.85 mg/L/4h (rat)

		Data source: ECHA
1,2-Propylene glycol	57-55-6	Acute toxicity (Oral) LD ₅₀ : 22,000 mg/kg (rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ > 2,000 mg/kg (rabbit) Data source: ECHA Acute toxicity (Inhalation) LC ₅₀ > 317.042 mg/L/2h (rat) Data source: ECHA
Witch hazel tincture	--	No data available
Classification of the whole product:		Not classified

Skin corrosion/irritation: No classification for this product.
Serious eye damage/eye irritation: No classification for this product.
Respiratory sensitizer: No classification for this product.
Skin sensitizer: No classification for this product.
Germ cell mutagenicity: No classification for this product.
Carcinogenicity: No classification for this product.
Reproductive Toxicity: No classification for this product.
Specific target organ toxicity, single exposure: No classification for this product.
Specific target organ toxicity, repeated exposure: No classification for this product.
Aspiration hazard: No classification for this product.
Effects on or via lactation: No classification for this product.

11.2 Information on other hazards:

11.2.1. Endocrine disrupting properties: This product does not contain any substance which has been defined as having endocrine disrupting properties.
 11.2.2. Other information: No information available.

12. Ecological information

12.1. Toxicity:

Ethyl alcohol (CAS: 64-17-5):
 96h-LC₅₀: 15,400 mg/L, fish (Lepomis macrochirus) (ECHA)
 Glycerin (CAS: 56-81-5):
 96h-LC₅₀: 54,000 mg/L, fish (Oncorhynchus mykiss) (ECHA)
 Classification of the whole product: Not classified

12.2. Persistence and Degradability: No data available.

12.3. Bioaccumulative Potential: No data available.

12.4. Mobility in Soil: No data available.

12.5. Results of PBT and vPvB Assessment: No data available.

12.6. Endocrine disrupting properties: This product does not contain any substance which has been defined as having endocrine disrupting properties.

12.7. Other adverse effects: No information available.

12.8. Additional information: Do not throw used product into ground water, water course or sewage system. Do not allow material to be released to the environment without proper governmental permits.

13. Disposal considerations

13.1. Waste treatment methods

13.1.1. Product / Packaging disposal:

It is recommended to use landfill method to dispose of waste.

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: 20 01 28

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 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. Assigned Pictogram: Not applicable

14.6. Environmental hazards (Marine Pollutant (Yes/No)): No.

14.7. EMS NO.: Not applicable

14.8. 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.

14.9. Maritime transport in bulk according to IMO instruments: 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:

40 CFR part 355 (Extremely Hazardous Substances): Not listed.

Emergency Planning and Community Right-to-Know Act (EPCRA) section 313 chemicals: Not listed.

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
1,2-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 applicable	Not applicable	Not applicable

Carcinogenicity categories: Ethyl alcohol (CAS: 64-17-5): IARC-1 (Ethanol in alcoholic beverages).

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) 2020/878

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

Not applicable	Not applicable
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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 Substances Control Act
OSHA-Occupational Safety and Health Administration
ACGIH-American Conference of Governmental Industrial Hygienists

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