

# Chemical Safety Data Sheet

## 1. Product type and company information

product name	: Water-based digital inkjet ink (white)
supplier information	: Zhejiang Hongyin Digital Technology Co., Ltd. No. 110, Kaiyuan North Street, Ersanli, Yiwu City
contact party <small>Mode</small>	: Phone no.(86) 579-85553025 : Email: 1608588669@qq.com

## 2. Composition/information of ingredients

Common Name: Inkjet Ink

Basic components: as shown in the table below

Ingredient Name	CAS#	Mass %
Pigment Titanium White Pink Paste (Liquid)	1317-80-2	10-20%
Diethylene	111-46-6	6-15%
Glycerin	56-81-5	10-20%
Propylene	57-55-6	1-10%
Glycol Water	7732-18-5	35-60%

## 3. Hazard identification

Aspiration hazards and symptoms	
	: No reported or known symptoms unless listed here
Inhalation Eye/Skin Contact Hazards and Symptoms	
Skin/Eye Ingestion	: May cause eye/skin irritation
Hazards and Symptoms	
Health	: May cause gastrointestinal irritation, vomiting, nausea and diarrhea
hazards if ingested (acute and chronic)	
acute	: Moderately irritating to eyes and skin
chronic	: No known or identified hazards

## 4. First aid measures

	: Do not induce vomiting and seek medical attention immediately
Swallowing	: Wash with water and soap
Skin Contact	: Rinse eyes thoroughly with water; if irritation persists, seek medical attention
Eyes Ingestion	: Move to fresh air

## 5. Firefighting measures

Flash point and test methods	: 110 °C closed loop test
Flammability Limits in Air	: No information available
Extinguishing Agents/	: Dry powder, CO2, water mist spray
Media Special	: Cover full body with breathing apparatus to avoid exposure to inhalation of vapours.
Hazards of Combustion and Explosion for Extinguishing Equipment	: No information available

## 6. Emergency treatment for leakage

Handling steps in case of material leakage or spillage: Absorb with paper or other absorbent and close container wash with enough water
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## 7. Handling and storage

Handling and storage precautions	
Storage conditions and time	: temperature 5°C-40°C, humidity 40-85%, more than 1 year
precautions for	: High heat, direct sunlight, moisture
special sensitive items	: Keep container tightly closed and store away from vehicles.

#### 8. Exposure controls/personal protection

Respiratory protection	: no need
	: mechanical ventilation available
Ventilation	: Rubber gloves
protective	: goggles with side protection
gloves Eye protection Other protection	: must have airtight protective clothing, eyewash
(clothing or equipment work/hygiene protection	: Avoid contaminating food, drinks, etc.

#### 9. Physical and chemical properties of ink

Boiling	: > 100 C
point specific gravity	: 1.0-1.1
(water=1) Relative vapor density (air=1)	: 1.0-1.1
Viscosity	: 1.8-4.0 mPa.s
PH Value	: 6.5-9.0
Surface Tension	: 25.0-40.0mN/m
Physical State	: liquid
Odor	: mild, slight
Water Solubility	: insoluble

#### 10. Stability and reactivity

Chemical stability	: Stabilize
Conditions to avoid exposure	: none
Incompatible	: Oxidizing substances and strong acids
materials Hazardous	: none
polymers Hazardous decomposition products or by-products	: carbon and nitrogen oxides

#### 11. TOXICOLOGICAL INFORMATION

##### Information on Toxicological Effects

LD/L50 values	: Based on available data, the product is not classified.
for acute toxicity and classification:	
56-81-5 Glycerin	
Oral LD50	12,600mg/kg (rat)
57-55-6 1,2-propanediol	
Oral LD50	20,000mg/kg(rat)
Skin LD50	20,800mg/kg (rabbit)
Skin Corrosion/Irritation: Based on available data, product is not classified.	
Serious eye damage/eye irritation: Based on available data, product is not classified.	
Respiratory or skin sensitization: Based on available data, product is not classified.	
Germ cell mutagenicity: Based on available data, the product is not classified.	
Carcinogenicity: Based on available data, the product is not classified.	
Toxicity to reproduction: Based on available data, the product is not classified.	
Specific Target Organ Toxicity-1	
single exposure	: Based on available data, products are not classified.
specific target organ toxicity	

Repeat	: Based on available data, the product is not classified.
Exposure	: Based on available data, products are not classified.

Aspiration Hazard 12. Ecological Information

Ecotoxicity Aquatic Toxicity	: No relevant details.
Persistence and	: No relevant details.
Degradability Potential	: No relevant details.
Bioaccumulation	: No relevant details.
Mobility in Soil PBT (Residue, Bioconcentration, Toxic Substance) and vPvB (very residual, high bioconcentration quality) evaluation results PBT (residuality, bioconcentration, toxicity substance) vPvB (high residual, highly bioconcentrated substances quality)	: inapplicable : inapplicable
Other side effects	: No relevant details.
Additional ecological information General Notes	: Water hazard class I (German regulations) (self-assessment via list Estimated): Slightly harmful to water. : Do not allow undiluted or large quantities of product to contact ground water, water courses Or the sewage system.

13. Deal with problems

Disposal method	: Dispose of in accordance with relevant local regulations
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14. Shipping information

United Nations Dangerous Goods Number (UN Number) ADR/RID/ADN, IMDG, IATA UN Proper Shipping	: inapplicable
Name ADR/RID/ADN, IMDG, IATA Transport Hazard	: inapplicable
Classes ADR/RID/ADN/IMDG/IATA Class Label	: inapplicable
Packing group ADR/RID/ADN, IMDG, IATA Environmental Hazards	: inapplicable
Maritime pollutants:	: no
Special precautions for user: Hazard Code:	: inapplicable-
MARPOL73/78 (for marine pollution caused by ships Infection Prevention Agreement) Annex 2 and according to the IBC code (ISN) Bulk Carriage/Additional Information: UN "Standard	: inapplicable
Regulations":	: Not dangerous according to the above instructions.
	: not applicable

15. Regulatory information

American Occupational and Health Safety Administration Bureau's relevant regulations	: The product has not been tested, but it is assumed that the toxicity is relatively low
Acts related to the Toxic Substances Control Act regulation	: The product meets the requirements of the Toxic Substances Control Act
USEPA Title III	: Product not listed. Any ingredient at or above the minimum level will be listed Enter SARA

Recycling Law Relevant Regulations on Hazardous Waste	: If	disposed of in the form in which it was purchased, this product will not be considered US hazardous waste. Users should check local laws and regulations regarding hazardous waste. The Resource Recovery Act stipulates that during the disposal period of a product, the user is responsible for determining that: Whether materials containing this product or derivatives of this product will be classified as hazardous waste. (40CFR261 20-24). :
EU67/548/EEC and 1999/45/EC	Not	listed as dangerous goods

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**16. Other Information**

All information presented here is derived from the manufacturer or certified technical sources. The information is believed to be, but is not meant to be all inclusive and is provided as a guide or guideline only. We make no warranties, express or implied, as to the accuracy or completeness of the information. It is the user's responsibility to determine the suitability of this information for the necessity of taking safety precautions and compliance with local laws and regulations.