

Safety Data Sheet

Data sheet No: SDS250401-1

Date of issue: 2025-04-01

Applicant information

Applicant

Address

Contact person : Shenghong Zhang

End Use : Writing

Telephone No. : +86 15962550010

E-mail

Trading Company

Sample information

Sample description : Ball pen ink Black

Color : Black

Service requirement

Service requirement: : According to Declaration of ingredients by client requirement.

Data of reviewed : 2025-04-01

Date of issue : 2025-04-01

This SDS Service is Provided by Zhejiang Lisen Testing Technology Co.,Ltd.

Remarks:

This information is based on our present knowledge, However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. This data sheet may only be reproduced and distributed in full.

Signed for and on behalf of LST



Approved Signatory: **Davy**
Technical Director

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Section1. Identification of the Substances/Preparation and of the Company/Undertaking

Product Details

Trade Name: Ball pen ink Black.

End uses: Writing.

Results of endocrine disrupting properties assessment:

No data available.

Contact Person: Shenghong Zhang

E-Mail: [REDACTED]

Tel: +86 15962550010

Fax: /

Information in Case of Emergency

Tel: +86-512 63338058

Contact Person: Shenghong Zhang

Section2. Hazards Identification

Classification of the substance or mixture

GHS Classification in accordance with OSHA Hazard Communication Standards (29 CFR 1910.1200)

Acute toxicity, Oral (Category 4), H302

Acute toxicity, Inhalation (Category 4), H332

Eye irritation (Category 2), H319

GHS Label elements



Pictogram(s):

Signal word: Warning.

Hazard statements:

H302 + H332 Harmful if swallowed or if inhaled.

H319 Causes serious eye irritation.

Precautionary statements

P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

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P301 + P312 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell.

P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/ container to an approved waste disposal plant.

Ingredient with unknown acute toxicity

No information available.

Other hazard:

Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

See section 11 for more detailed information on health effects and symptoms.

Section 3. Composition/Information on Ingredients

Description: This product is regarded as Mixture. Consist of the following ingredients:

<i>Ingredients</i>	<i>CAS No.</i>	<i>Amount (%)</i>
<i>Soivent black 46</i>	<i>65113-55-5</i>	<i>30</i>
<i>Benzy alcohol</i>	<i>100-51-6</i>	<i>25</i>
<i>2-Phenoxy Ethanol</i>	<i>122-99-6</i>	<i>20</i>
<i>Keton resin</i>	<i>25054-06-2</i>	<i>14</i>
<i>Epaxy resin</i>	<i>24969-06-0</i>	<i>6</i>
<i>Triethanolamine</i>	<i>102-71-6</i>	<i>4</i>
<i>Phosphoric acid ester</i>	<i>90506-69-7</i>	<i>1</i>

Section 4. First-Aid Measures

General advice

Show this material safety data sheet to the doctor in attendance.

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First aid Measures

Inhalation: After inhalation: fresh air. If breathing stops: mouth-to-mouth breathing or artificial respiration. Oxygen if necessary. Immediately call in physician.

Eye Contact: Immediately flush eyes with plenty of water for several minutes . If irritation occurs and persists, contact a doctor.

Skin Contact: Wash off with soap and plenty of water. If skin irritation occurs and persists, contact a doctor.

Ingestion: Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor or Poison Control Center immediately.

Indication of immediate medical attention and special treatment needed, if necessary
no data available

Treatment: No special medical treatment required under normal condition.

Section 5. Fire-Fighting Measures

Extinguishing Media: Use foam, water spray or fog, dry chemical or carbon dioxide.

Hazardous Combustion/Decomposition Products:

Carbon oxides Combustible. Vapors are heavier than air and may spread along floors. Forms explosive mixtures with air on intense heating. Development of hazardous combustion gases or vapours possible in the event of fire. Risk of dust explosion.

Special Protective Equipment for Firefighters: As in any fire, fire fighter should wear positive pressure self-contained breathing apparatus.

Further information: Prevent fire extinguishing water from contaminating surface water or the ground water system..

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Ventilation. Collect leaking and spilled liquid in covered containers as far as possible. Absorb remaining liquid in sand or inert absorbent. Then store and dispose of according to local regulations. Personal protection: filter respirator for organic vapours of low boiling point adapted to the airborne concentration of the substance. Use personal protection equipment recommended in section 8.

Environmental precautions: Prevent further spillage or leakage if it is safe to do so. Do not let the chemical enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up: Collect and arrange disposal. Keep the chemical in suitable and closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations (see section 13).

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Section 7. Handling and Storage

Precautions for safe handling

Advice on safe handling

Work under hood. Do not inhale substance/mixture. Avoid generation of vapours/aerosols.

Hygiene measures

Change contaminated clothing. Preventive skin protection recommended. Wash hands after working with substance. For precautions see section 2.2.

Conditions for safe storage, including any incompatibilities

Storage conditions

Tightly closed.

Storage stability

Recommended storage temperature 2 - 8 °C

Storage class

Storage class (TRGS 510): 10: Combustible liquids

Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

Section 8. Exposure Controls/Personal Protection

Exposure Limits: *Not established.*

Engineering Control: *Handle in accordance with good industrial hygiene and safety practice. Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance. Ensure adequate ventilation. Set up emergency exits and the risk-elimination area.*

Personal protective equipment:

Respiratory Protection: *If the exposure limits are exceeded, irritation or other symptoms are experienced, use a full-face respirator.*

Eyes Protection: *If in-eye risk exists, wear tightly fitting safety goggles with side-shields conforming to EN 166(EU) or NIOSH (US).*

Skin Protection: *Use suitable protective gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Wear fire/flame resistant and impervious clothing.. Wash and dry hands.*

Body Protection: *Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace*

Other Protections: *Wash thoroughly after handling. Do not eat, drink, smoke or sniff while working. Keep away from foodstuffs, beverages and feed.*

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Section 9. Physical and Chemical Properties

General Information

Form:	<i>Liquid</i>
Color:	<i>Black..</i>
Odor:	<i>Weak Odor</i>
pH:	<i>N/A</i>
Melting Point/Range:	<i>N/A</i>
Boiling Point/Range:	<i>N/A</i>
Ignition Temperature:	<i>N/A</i>
Flash Point:	<i>N/A</i>
Density (20 °C):	<i>N/A</i>
Relative Vapor Density(Air=1):	<i>N/A</i>
Vapor Pressure:	<i>N/A</i>
Evaporation Rate & Reference:	<i>N/A</i>
Solubility in/Miscibility with Water:	<i>Partly soluble in water</i>
Explosion Limits in Air - Upper :	<i>N/A</i>
Explosion Limits in Air - Lower:	<i>N/A</i>
Viscosity	<i>N/A</i>
Oxidizing properties	<i>N/A</i>

Section 10. Stability and Reactivity

Reactivity: The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.

Stability: Stable when stored under the recommended storage conditions.

Incompatibility (Materials to Avoid): Strong oxides.

Conditions to Avoid: no information available.

Hazardous Decomposition and/or Combustion Products:In the event of fire: see section 5.

Hazardous Reactions: no information available.

Section 11. Toxicological Information

Acute Toxicity:

Benzy alcohol : LD50 Oral - Rat - male - 1.620 mg/kg Remarks: (ECHA) LC50 Inhalation - Rat - male and female - 4 h - > 4,178 mg/l - aerosol (OECD Test Guideline 403)

Remarks: (Regulation (EC) No 1272/2008, Annex VI)

Dermal: No data available.

Skin Corrosion/Irritation: No known irritation effects.

Serious Eye Damage/Eye Irritation: No known irritation effects.

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Respiratory or Skin Sensitization: No known sensitization effects.

Germ Cell Mutagenicity: No known significant effects or critical hazard.

Carcinogenicity: None of the components of this product is listed as a carcinogen by IARC, NTP, US OSHA.

Reproductive Toxicity: No known significant effects or critical hazard.

Specific Target Organ Toxicity - Single Exposure (Globally Harmonized System): No known significant effects or critical hazard.

Specific Target Organ Toxicity - Repeated Exposure (Globally Harmonized System): No known significant effects or critical hazard.

Aspiration Hazard: No known significant effects or critical hazard.

Potential Health Effects:

Inhalation: No data available .

Skin Contact: No data available .

Eye Contact: May cause temporary eye irritation.

Ingestion: No data available .

Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Central nervous system depression To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Liver - Irregularities - Based on Human Evidence

Section 12. Ecological Information

Ecotoxicity: No data available.

Mobility: No data available.

Persistence and Degradability: No data available.

Bioaccumulation: No data available.

Environmental Adverse Effects: Prevent product from entering drains or waterways.

Results of PBT and vPvB assessment: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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Section 13. Disposal Considerations

Waste treatment methods

Product

Small quantity can be disposed with household waste. As in big quantity, recycle if possible. Offer surplus and non-recyclable products to a licensed disposal company. Observe according to the national and local related regulations.

Contaminated packaging

Disposed as unused product.

Section 14. Transport Information

Road Regulation (ADR/RID)

ADR-UN Number: Not classified for transport

ADR-Class: Not classified for transport

ADR-Shipping Name: Not classified for transport

ADR-Packing Group: Not classified for transport

Air Transportation (IATA/ICAO)

IATA-UN Number: Not classified for transport

IATA-Class: Not classified for transport

IATA-Shipping Name: Not classified for transport

IATA-Label: None

IATA-Packing Group: Not classified for transport

IATA-S.P.: None

IATA-ERG: None

Marine Transportation (IMO/IMDG)

IMDG-Marine Pollutant: No

IMDG-UN Number: Not classified for transport

IMDG-Class: Not classified for transport

IMDG-Shipping Name: Not classified for transport

IMDG-Packing group: Not classified for transport

IMDG-Storage Category: Not classified for transport

Section 15. Regulatory Information

OSHA: OSHA Hazard Communication Standard Status: This product is not considered to be a hazardous substance under OSHA 's Federal Hazard Communication Standard 29 CFR 1910.1200.

US Federal Regulations

USA SARA

SARA 313 Components (Specific toxic chemical listings)

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

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SARA 311/312 Hazard Categories

Acute Health Hazard : Benzy alcohol

Chronic Health Hazard: Benzy alcohol

Sudden release of pressure hazard : No

Reactive Hazard : No

US State Regulations

California Proposition 65: This product does not contain any Proposition 65 chemicals

Section 16. Other Information

Full text of H Statements in section 2 are as following:

H302 + H332 Harmful if swallowed or if inhaled.

H319 Causes serious eye irritation.

Abbreviations: *pH - Relates to hydrogen ion concentration - this value will relate to a scale of 0 - 14, where 0 is highly acidic and 14 is highly alkaline*

OSHA- Occupational Safety and Health Administration

NTP – National Toxicology Program

IARC- International Agency for Research on Cancer

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds

ACGIH – The American Conference of Governmental Industrial Hygienists

ADR –Agreement on Dangerous Goods by Road

RID – Regulations Concerning the International Carriage of Dangerous Goods by Rail

ICAO –International Civil Aviation Organization

IATA –International Air Transport Association

IMO – International Marine Organization

IMDG - International Maritime Dangerous Good

Further Information:

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This safety data sheet complies with the requirements of OSHA's Federal Hazard Communication Standard 29 CFR 1910.1200 (OSHA HCS 2012), UN GHS Rev.9.

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*****End of The SDS*****