



# MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT

FILE NO.:

MSDS DATE: Nov 25,2011

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Ballpoint Pen- Red.

SYNONYMS:

PRODUCT CODES: UNV-27412/OFF82489

MANUFACTURER: WENZHOU AIHAO PEN TRADE CO., LTD

DIVISION: BALL POINT PEN WORKSHOP

ADDRESS: ZHONGXING AVENUE LONGWAN WENZHOU, ZHEJIANG PROVINCE, 325011, P.R.CHINA

EMERGENCY PHONE: 86-21-68622115

CHEMTREC PHONE:

OTHER CALLS:

FAX PHONE: 86-21-68622126

CHEMICAL NAME:

CHEMICAL FAMILY:

CHEMICAL FORMULA:

PRODUCT USE: BALL POINT PEN INDUSTRY

PREPARED BY:

SECTION 1 NOTE:

## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

### INGREDIENT:

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
122-99-6 2-Phenoxyethanol	10-25		It is not regulation object.
107-41-5 2-methylpentane-2,4-diol	2.5-10		It is not regulation object.
90506-69-7 Ethylhexyl phosphoric acid ester	2.5-10		It is not regulation object.
509-34-2 C.I.Solvent Red 49	2.5-10		It is not regulation object.
495-54-5 C.I. Solvent. Orange 3	≤ 2.5		It is not regulation object.
Non hazardous substances	42.5-80		It is not regulation object.
	<u>ppm</u>	<u>mg/m3</u>	
OSHA PEL-TWA:	25	125	
OSHA PEL STEL :			
OSHA PEL CEILING:			
ACGIH TLV-TWA:	25	121	
ACGIH TLV STEL:			
ACGIH TLV CEILING:			

SECTION 2 NOTES: None

## SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: None

ROUTES OF ENTRY: None

### POTENTIAL HEALTH EFFECTS

EYES: Risk of serious damage

SKIN: Irritating

INGESTION: Harmful if swallowed

INHALATION: Toxic to aquatic organisms

ACUTE HEALTH HAZARDS: None

CHRONIC HEALTH HAZARDS: None

EYES: None  
SKIN: None  
INGESTION: None  
INHALATION: None

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None

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**CARCINOGENICITY**

OSHA: None  
OTHER: None

ACGIH: None

NTP: None

IARC: None

SECTION 3 NOTES: None

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**SECTION 4: FIRST AID MEASURES**

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EYES: Rinse opened eye for several minutes under running water. Then consult a doctor.

SKIN: Immediately wash with soap and water and rinse thoroughly.

INGESTION: Call for a doctor immediately.

INHALATION: Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: None

SECTION 4 NOTES: None

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**SECTION 5: FIRE-FIGHTING MEASURES**

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FLAMMABLE LIMITS IN AIR, UPPER: 1.4  
(% BY VOLUME) LOWER: 12.6

**FLASH POINT:**

F: 199

C: 93

**METHOD USED:**

**AUTOIGNITION TEMPERATURE:** product is not selfigniting

F: 500

C: 260

**NFPA HAZARD CLASSIFICATION**

HEALTH: 2

FLAMMABILITY: 1

REACTIVITY: 0

OTHER:

EXTINGUISHING MEDIA: CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

SPECIAL FIRE FIGHTING PROCEDURES: No special measures required.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS: None

SECTION 5 NOTES: None

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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ACCIDENTAL RELEASE MEASURES: Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or suwage system. Do not allow to enter sewers/surface or ground water.

**SECTION 6 NOTES:** Measures for cleaning /collecting  
Absorb with liquid-binding material(sand,diatomite, acid binders, universal binders, sawdust)  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.

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#### **SECTION 7: HANDLING AND STORAGE**

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**HANDLING AND STORAGE:**Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.No special requirements to be met by storerooms and receptacles.

**OTHER PRECAUTIONS:** None.

**SECTION 7 NOTES:** None

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#### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**ENGINEERING CONTROLS:** None  
**VENTILATION :** None

**RESPIRATORY PROTECTION:** In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device that is independent of circulating air.

**EYE PROTECTION:** Tightly sealed goggles

**SKIN PROTECTION:** Avoid contact with skin. Protective gloves. The glove material has to be impermeable and resistant to the product/the preparation/the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** None

**WORK HYGIENIC PRACTICES:** Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hand before breaks and at the end of work. Avoid contact with eye and skin.

**EXPOSURE GUIDELINES:** None

**SECTION 8 NOTES:** None

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#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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**APPEARANCE:** Fluid

**ODOR:** Characteristic

**PHYSICAL STATE:** Liquid

**pH AS SUPPLIED:** None

**pH (Other):** None

**BOILING POINT:** None

F:

C:

**MELTING POINT:** None

F:

C:

**FREEZING POINT:** None

F:

C:

**VAPOR PRESSURE (mmHg):** 0

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F: 68

C: 20

**VAPOR DENSITY (AIR = 1):** None

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F:

C:  
SPECIFIC GRAVITY (H2O = 1): None  
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F:  
C:  
EVAPORATION RATE: None  
BASIS (=1): None  
FLAMMABILITY: None  
SECTION 9 NOTES: None

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)**

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SOLUBILITY IN WATER: Not miscible or difficult to mix.

PERCENT SOLIDS BY WEIGHT: None

PERCENT VOLATILE: None  
BY WT/ BY VOL @

F:  
C:  
VOLATILE ORGANIC COMPOUNDS (VOC): None

WITH WATER: LBS/GAL  
WITHOUT WATER: LBS/GAL

MOLECULAR WEIGHT: None  
VISCOSITY: None  
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F:  
C:

SECTION 9 NOTES: None

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**SECTION 10: STABILITY AND REACTIVITY**

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STABLE

UNSTABLE

STABILITY: None

CONDITIONS TO AVOID (STABILITY): None

INCOMPATIBILITY (MATERIAL TO AVOID): None

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: no hazardous decomposition products known

HAZARDOUS POLYMERIZATION: will not occur

CONDITIONS TO AVOID (POLYMERIZATION): none

SECTION 10 NOTES: None

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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TOXICOLOGICAL INFORMATION: LD/LC50 values relevant for classification : 122-99-6 2-Phenoxyethanol Oral/LD50/1980 MG/KG(Ratte); 52080-58-7 C.I. Solvent Violet 8 Oral/LD 50/700 mg/kg (Ratte)

SECTION 11 NOTES: Primary irritant effect  
On the skin: Irritant to skin and mucous membranes.  
On the eye: Strong irritant with the danger of severe eye injury.  
Sensitization: Sensitization possible through skin contact.  
Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for preparations as issued in the latest version: harmful, irritant.

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**SECTION 12: ECOLOGICAL INFORMATION**

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**ECOLOGICAL INFORMATION:** Water hazard class 3(German Regulation) (Self-assessment): extremely hazardous for water. Do not allow product to reach ground water,water course or sewage system,even in small quantities. Danger to drinking water if even extremely small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.  
Toxic for aquantic organisms.

**SECTION 12 NOTES:** None

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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**WASTE DISPOSAL METHOD:** Must not be disposed together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official regulations.

**RCRA HAZARD CLASS:** None

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**SECTION 13: DISPOSAL CONSIDERATIONS (con't)**

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**SECTION 13 NOTES:** None

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**SECTION 14: TRANSPORT INFORMATION**

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**U.S. DEPARTMENT OF TRANSPORTATION**

**PROPER SHIPPING NAME:** None  
**HAZARD CLASS:** None  
**ID NUMBER:** None  
**PACKING GROUP:** None  
**LABEL STATEMENT:** None

**WATER TRANSPORTATION**

**PROPER SHIPPING NAME:** None  
**HAZARD CLASS:** None  
**ID NUMBER:** None  
**PACKING GROUP:** None  
**LABEL STATEMENTS:** None

**AIR TRANSPORTATION**

**PROPER SHIPPING NAME:** None  
**HAZARD CLASS:** None  
**ID NUMBER:** None  
**PACKING GROUP:** None  
**LABEL STATEMENTS:** None

**OTHER AGENCIES:** GGV IMDG CODE: None  
ICAO/IATA-DGR: None  
UN No.: None  
RID/ADR: None

**SECTION 14 NOTES:** None

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**SECTION 15: REGULATORY INFORMATION**

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**U.S. FEDERAL REGULATIONS**

**TSCA (TOXIC SUBSTANCE CONTROL ACT):**

122-99-6 2-Phenoxyethanol  
107-41-5 2-methylpentane-2,4-diol  
509-34-2 C.I.Solvent Red 49  
495-54-5 C.I. Solvent. Orange 3  
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): None

**311/312 HAZARD CATEGORIES:**

Acute: Yes  
Chronically: None  
Fire: None  
Reactivity: None  
Sudden exhaust: None

313 REPORTABLE INGREDIENTS: None of the ingredient is listed.

STATE REGULATIONS: None  
INTERNATIONAL REGULATIONS: None

**SECTION 15 NOTES:**

Hazard-determining components of labeling:

Benzyl alcohol, 2-Phenoxyethanol

Risk phrases: 22 Harmful if swallowed; 38 Irritating to skin; 41 Risk of serious damage to eyes; 43 May cause sanitation by skin contact; 51 Toxic to an aquatic organisms; 53 May cause long-term adverse effects in the aquatic environment.

Safety phrases:

2 Keep out of the reach of children.

24/25 Avoid contact with skin and eyes.

26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice.

29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

37/39 Wear suitable gloves and eye/face protection.

46 If swallowed, seek medical advice immediately and show this container or label.

Water hazardous class: Water class 3(Self-assessment): slightly hazardous for water.

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**SECTION 16: OTHER INFORMATION**

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OTHER 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.

PREPARATION INFORMATION: None

DISCLAIMER: None