



MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT

FILE NO.:
MSDS DATE: 18 Nov., 11

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: yellow-Desk Highlighter,Set of 5,ASST; Desk Highlighter,Yellow; Highlighter-Liquid yellow ;Highlighter-Liquid highlighter,yellow;HILIGHTER,POCKET,5 ST; HILIGHTER,POCKET,FYW; HILIGHTER,DESK,5 ST; HILIGHTER,DESK,FYW; Highlighter, Rubberized Comfort Grip 5 color set; Highlighter, Rubberized Comfort Grip,yellow

SYNONYMS:

PRODUCT CODES: OFF82420,OFF82421UNV08840,UNV08841,UNV08850,UNV08851,UNV08860, UNV08861,UNV18860,UNV18861

MANUFACTURER: WENZHOU AIHAO PEN TRADE CO., LTD

DIVISION: MARKER WORKSHOP

ADDRESS: No.128, WENCHANG ROAD, WENZHOU EXPORT-ORIENTED AGRICULTURAL DEVELOPMENT ZONE, WENZHOU, CHINA, 325011

EMERGENCY PHONE: 86-21-68622115

CHEMTREC PHONE:

OTHER CALLS:

FAX PHONE: 86-21-68622126

CHEMICAL NAME:

CHEMICAL FAMILY:

CHEMICAL FORMULA:

PRODUCT USE:

PREPARED BY:

SECTION 1 NOTES:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: N/A

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
Potassium carbonate(584-08-7)	10-25		It is not regulation object.
(5-chloro-2-methyl-2H-isothiazol-3-one)			
26172-55-4	≤ 1.0		It is not regulation object.
Non hazardous substances	74-89		It is not regulation object.

ppm
OSHA PEL-TWA:
OSHA PEL STEL :
OSHA PEL CEILING:

mg/m3
ACGIH TLV-TWA:
ACGIH TLV STEL:
ACGIH TLV CEILING:

SECTION 2 NOTES:

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: May cause sensitization by skin contact.

ROUTES OF ENTRY: None

POTENTIAL HEALTH EFFECTS

EYES: None

SKIN: Avoid contact with skin. Wear suitable gloves.

INGESTION: None

INHALATION: Do not breathe vapour.

ACUTE HEALTH HAZARDS: None

CHRONIC HEALTH HAZARDS: None

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None

CARCINOGENICITY

OSHA: None

ACGIH: None

NTP: None

IARC: None

OTHER: None

SECTION 3 NOTES: None

SECTION 4: FIRST AID MEASURES

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

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

INGESTION: If symptoms persist consult doctor.

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

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: None
(% BY VOLUME) **LOWER:** 0.9

FLASH POINT:

F: 320

C: 160

METHOD USED:

AUTOIGNITION TEMPERATURE:

F: 752

C: 400

NFPA HAZARD CLASSIFICATION

HEALTH: 0

FLAMMABILITY: 1

REACTIVITY: 0

OTHER: None

HMIS HAZARD CLASSIFICATION

HEALTH: 0

FLAMMABILITY: 1

REACTIVITY: 0

PROTECTION: None

EXTINGUISHING MEDIA: None

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS: None

SECTION 5 NOTES: N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

Personal precautions: Wear protective clothing.

Environmental precautions: No special measures required.

Methods for cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.

SECTION 6 NOTES: None

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

OTHER PRECAUTIONS: None

SECTION 7 NOTES: None

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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 respiratory protective device that is independent of circulating air.

EYE PROTECTION: Goggles recommended during refilling.

SKIN PROTECTION: Protective gloves

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None

WORK HYGIENIC PRACTICES: Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.

EXPOSURE GUIDELINES: None

SECTION 8 NOTES: None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: FLUID

ODOR: Product specific

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): 17

@

F: 68

C: 20

VAPOR DENSITY (AIR = 1): None

@

F:

C:

SPECIFIC GRAVITY (H2O = 1): None

@

F:

C:

EVAPORATION RATE: None

BASIS (=1): N/A

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

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

@

F:

C:

SECTION 9 NOTES: None

SECTION 10: STABILITY AND REACTIVITY

STABLE

UNSTABLE

STABILITY: Stable

CONDITIONS TO AVOID (STABILITY): None

INCOMPATIBILITY (MATERIAL TO AVOID): None

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None

HAZARDOUS POLYMERIZATION: May Not Occur

CONDITIONS TO AVOID (POLYMERIZATION): None

SECTION 10 NOTES: None

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Sensitization possible through skin contact.

SECTION 11 NOTES: None

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: None

SECTION 12 NOTES: None

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Smaller quantities can be disposed of with household waste.

RCRA HAZARD CLASS: None

SECTION 13: DISPOSAL CONSIDERATIONS (con't)

SECTION 13 NOTES: None

SECTION 14: TRANSPORT INFORMATION

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: The product does not constitute a hazardous substance in national/international road, rail, sea and air transport.

SECTION 14 NOTES: None

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): All ingredients are listed.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None

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

311/312 HAZARD CATEGORIES: None

313 REPORTABLE INGREDIENTS: None of the ingredients is listed.

STATE REGULATIONS: None

INTERNATIONAL REGULATIONS: None

SECTION 15 NOTES: None

SECTION 16: OTHER INFORMATION

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