



MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT

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

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **green-Desk Highlighter,Set of 5,ASST;HILIGHTER,POCKET,5 ST; HILIGHTER,POCKET,FGN; HILIGHTER,DESK,5 ST; HILIGHTER,DESK,FGN; Highlighter, Rubberized Comfort Grip 5 color set**

SYNONYMS:

PRODUCT CODES: OFF82420 ,UNV08840, UNV08850, UNV08852,UNV08860, UNV08862,UNV18860

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:

| <u>CAS NO.</u> | <u>% WT</u> | <u>% VOL</u> | <u>SARA 313 REPORTABLE</u> |
|-----------------------------------|-------------|--------------|------------------------------|
| C.I. Basic Yellow 40 (12221-86-2) | ≤ 2.5% | | It is not regulation object. |
| Non hazardous substance | ≤ 97.5% | | It is not regulation object. |

| | <u>ppm</u> | <u>mg/m3</u> |
|--------------------|------------|--------------|
| OSHA PEL-TWA: | | |
| OSHA PEL STEL : | | |
| OSHA PEL CEILING: | | |
| ACGIH TLV-TWA: | | |
| 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: None

SKIN: None

INGESTION: None

INHALATION: None

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 dye for several minutes under running water.

SKIN: Generally the product does not irritate the skin.

INGESTION: If symptoms persist consult doctor.

INHALATION: Supply fresh air; consult doctor in case of complaints.

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:

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

Personal precautions: Wear protective clothing.

Environmental precautions: Do not allow to enter sewers/surface or ground water..

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

SECTION 6 NOTES: None

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Ensure good ventilation/exhaustion at the workplace.

OTHER PRECAUTIONS: None

SECTION 7 NOTES: None

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Not it particularly.

VENTILATION: None

RESPIRATORY PROTECTION : None.

EYE PROTECTION: Goggles recommended during refilling.

SKIN PROTECTION: Protective gloves

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None

WORK HYGIENIC PRACTICES: The usual precautionary measures are to be adhered to when handling chemicals.

EXPOSURE GUIDELINES: None

SECTION 8 NOTES: None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: FLUID

ODOR: Product specific

PHYSICAL STATE: Liquid

pH AS SUPPLIED: 6.5

pH (Other): None

BOILING POINT:

F: 554

C: 290

MELTING POINT: None

F:

C:

FREEZING POINT: None

F:

C:

VAPOR PRESSURE (mmHg): 0.075

@

F: 68

C: 20

VAPOR DENSITY (AIR = 1): 1.08 g/m³

@

F: 68

C: 20

SPECIFIC GRAVITY (H₂O = 1): None

@

F:
C:
EVAPORATION RATE: None
BASIS (=1): None

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

SOLUBILITY IN WATER: Not miscible or difficult to mix.

PERCENT SOLIDS BY WEIGHT: 1.4

PERCENT VOLATILE: None
BY WT/ BY VOL @

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

| | |
|----------------|---------|
| WITH WATER: | LBS/GAL |
| WITHOUT WATER: | LBS/GAL |

MOLECULAR WEIGHT: There are no measurement data
VISCOSITY: 41 mpa

@
F: 68
C: 20

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: None

SECTION 11 NOTES: None

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 12 NOTES: None

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Must not be disposed of together with household garbage. Do not allow product to reach sewage system

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

STATE REGULATIONS: Treat in accordance with appropriate government regulations

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