

POTENTIAL HEALTH EFFECTS: DATA NOT AVAILABLE
EYES:

ROUTES OF ENTRY:

EMERGENCY OVERVIEW: MAY BE IRRITATING TO RESPIRATORY TRACT, SKIN AND EYES.
THIS PRODUCT IS NOT RAPIDLY IGNITABLE

SECTION 3: HAZARDS IDENTIFICATION

SECTION 2 NOTES:

OSHA PEL-TWA: NO DATA AVAILABLE
OSHA PEL STEL : NO DATA AVAILABLE
OSHA PEL CEILING: NO DATA AVAILABLE
ACGIH TLV-TWA: NO DATA AVAILABLE
ACGIH TLV STEL: NO DATA AVAILABLE
ACGIH TLV CEILING: NO DATA AVAILABLE

COMPONENT	CAS NO	PERCENTAGE
Green 7	1928-53-6	5.3%
Ethyl alcohol	64-17-5	56%
Isopropyl alcohol	67-63-0	27%
Polyvinyl butyral	63148-65-2	3.1%
Dibutyl sebacate	109-40-3	1.4%
Diocetyl adipate	103-23-1	1.9%
Isocetyl palmitate	58-10-3	2.23%
Isocetyl stearate	57-11-4	4.6%

INGREDIENT:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

SECTION 1 NOTES:

PRODUCT USE: WHITEBOARD MARK PEN INDUSTRY
PREPARED BY:

CHEMICAL NAME:
CHEMICAL FAMILY:
CHEMICAL FORMULA:

EMERGENCY PHONE:
CHEMTRAC PHONE:
OTHER CALLS:
FAX PHONE:

PRODUCT NAME: DRY ERASE (GREEN)
SYNONYMS:
PRODUCT CODES: UNV43654, UNV43684, UNV43650 UNV43680, UNV43670, OFFR82435
MANUFACTURER: WENZHOU AIHAO PEN TRADE CO., LTD.; S-LAND CO., LTD (INK SUPPLIER)
ADDRESS: NO.823 WENZHOU AVENUE, WENZHOU, ZHEJIANG PROVINCE, CHINA

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

MATERIAL SAFETY DATA SHEET
MSDS DATE: / /
FILE NO.:
NAME OF PRODUCT



EXTINGUISHING MEDIA: SELF-CONTAINED BREATHING APPARATUS FOR FIGHTERS.

HMIS HAZARD CLASSIFICATION NO DATA AVAILABLE
HEALTH: FLAMMABILITY:
PROTECTION: REACTIVITY:

NFPA HAZARD CLASSIFICATION NO DATA AVAILABLE
HEALTH: FLAMMABILITY:
OTHER: REACTIVITY:

AUTOIGNITION TEMPERATURE: NO DATA AVAILABLE
F:
C:

METHOD USED:
C: 8°C

FLASH POINT:
F:

FLAMMABLE LIMITS IN AIR, UPPER: NO DATA AVAILABLE
LOWER: (% BY VOLUME)

SECTION 5: FIRE-FIGHTING MEASURES

SECTION 4 NOTES:

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

INHALATION: IF INHALED, MOVE TO FRESH AIR, PERFORM ARTIFICIAL RESPIRATION IF NECESSARY, GET MEDICAL ATTENTION IMMEDIATELY
INGESTION: IF SWALLOWED, DILUTE WITH WATER AND INDUCE VOMITING, GET MEDICAL ATTENTION IMMEDIATELY, NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON.
SKIN: REMOVE CONTAMINATED CLOTHING AND SHOES IMMEDIATELY, WASH AFFECTED SKIN WITH SOAP AND WATER, GET MEDICAL ATTENTION IMMEDIATELY.
EYES: FLUSH EYE WITH FLOWING WATER UNTIL NO EVIDENCE OF CHEMICAL REMAINS (AT LAST 15 MINUTES), IF IRRITATION DEVELOPS CONSULT AN OCULIST

SECTION 4: FIRST AID MEASURES

SECTION 3 NOTES:

CARCINOGENICITY
OSHA:
OTHER:
ACGIH:
NTP:
IARC:

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: DATA NOT AVAILABLE

CHRONIC HEALTH HAZARDS: DATA NOT AVAILABLE

ACUTE HEALTH HAZARDS: DATA NOT AVAILABLE

INHALATION:

INGESTION:

SKIN:



pH AS SUPPLIED: 4.5-11.5

PHYSICAL STATE: LIQUID

ODOR: ODOR LIKE ALCOHOL

APPEARANCE: UNIFORM LIQUID

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

SECTION 8 NOTES:

EXPOSURE GUIDELINES: NO DATA AVAILABLE

WORK HYGIENIC PRACTICES: NO DATA AVAILABLE

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

SKIN PROTECTION: IMPERVIOUS CLOTHING

EYE PROTECTION: SAFETY GOGGLES

RESPIRATORY PROTECTION: LOCAL EXHAUST VENTILATION; AIR PURIFYING RESPIRATOR

VENTILATION: NO DATA AVAILABLE

ENGINEERING CONTROLS: NO DATA AVAILABLE

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

SECTION 7 NOTES:

OTHER PRECAUTIONS: NONE

HANDLING AND STORAGE: STORED IN COOL DRY PLACE, KEEP CONTAINER TIGHTLY CLOSED. DO NOT INHALE THE SUBSTANCE AND AVOID CONTACT WITH THE SKIN OR EYES. WEAR PROTECTIVE CLOTHING WHEN HANDLING OPEN CONTAINER. AVOID ENVIRONMENTAL POLLUTION BY HANDLING THE PRODUCT CAREFULLY. WASH THOROUGHLY AFTER HANDLING. USE ONLY WITH ADEQUATE VENTILATION.

SECTION 7: HANDLING AND STORAGE

SECTION 6 NOTES:

ACCIDENTAL RELEASE MEASURES: PERSONAL PRECAUTION: CLEAN UP WITH APPROPRIATE PERSONAL EQUIPMENT ENVIRONMENTAL PRECAUTIONS: SCOOP OR SWEEP & TRANSFER INTO A CLOSED CONTAINER. KEEP WASTE OUT OF SEWERS. METHOD FOR CLEANING UP: SCOOP OR SWEEP INTO A CONTAINER FOR REUSE OR DISPOSAL. KEEP UNNECESSARY PERSON AWAY

SECTION 6: ACCIDENTAL RELEASE MEASURES

SECTION 5 NOTES:

MOVE CONTAINER FROM FIRE IF YOU CAN DO IT WITHOUT RISK DO NOT SCATTER SPILLED MATERIAL WITH HIGH PRESSURE WATER STEAMS SPECIAL FIRE FIGHTING PROCEDURES: NO DATA AVAILABLE UNUSUAL FIRE AND EXPLOSION HAZARDS: NO DATA AVAILABLE HAZARDOUS DECOMPOSITION PRODUCTS: NO DATA AVAILABLE

STABILITY: STABLE UNDER NORMAL CONDITION OF STORAGE AND USE
CONDITIONS TO AVOID (STABILITY): NO DATA AVAILABLE
INCOMPATIBILITY (MATERIAL TO AVOID): NO DATA AVAILABLE
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: NO DATA AVAILABLE
HAZARDOUS POLYMERIZATION: NO DATA AVAILABLE
CONDITIONS TO AVOID (POLYMERIZATION): NO DATA AVAILABLE

STABLE UNSTABLE

SECTION 10: STABILITY AND REACTIVITY

SECTION 9 NOTES:

C:
F:

@

MOLECULAR WEIGHT: NO DATA AVAILABLE

WITHOUT WATER: LBS/GAL

WITH WATER: LBS/GAL

VOLATILE ORGANIC COMPOUNDS (VOC): NO DATA AVAILABLE

C:
F:

BY WTL / BY VOL /

PERCENT VOLATILE: NO DATA AVAILABLE

PERCENT SOLIDS BY WEIGHT: NO DATA AVAILABLE

SOLUBILITY IN WATER: SOLUBLE IN WATER

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (cont)

BASIS (=1): NO DATA AVAILABLE

EVAPORATION RATE: NO DATA AVAILABLE

C:
F:

@

SPECIFIC GRAVITY (H2O = 1): NO DATA AVAILABLE

C:
F:

@ 1.59

VAPOR DENSITY (AIR = 1):

C: 100 °C

F:

@

VAPOR PRESSURE (mmHg): 3.452mmHg

C:
F:

FREEZING POINT: NO DATA AVAILABLE

C:
F:

MELTING POINT: NO DATA AVAILABLE

C: 78°C

F:

BOILING POINT:

pH (Other):



AIR TRANSPORTATION
PROPER SHIPPING NAME:
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:
LABEL STATEMENTS:

WATER TRANSPORTATION
PROPER SHIPPING NAME:
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:
LABEL STATEMENTS:

U.S. DEPARTMENT OF TRANSPORTATION
PROPER SHIPPING NAME:
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:
LABEL STATEMENT:

NO DATA AVAILABLE
SECTION 14: TRANSPORT INFORMATION

SECTION 13 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS (cont)

RCRA HAZARD CLASS:

WASTE DISPOSAL METHOD: IN COMPLIANCE WITH LOCAL, NATIONAL REGULATIONS

SECTION 13: DISPOSAL CONSIDERATIONS

SECTION 12 NOTES:

ECOLOGICAL INFORMATION: NO DATA AVAILABLE
BEHAVIOR IN ENVIRONMENTAL COMPARTMENTS: NO DATA AVAILABLE
ECOTOXIC REACTION: NO DATA AVAILABLE
BACTERIA TOXICITY: NO DATA AVAILABLE
FISH TOXICITY: NO DATA AVAILABLE

SECTION 12: ECOLOGICAL INFORMATION

SECTION 11 NOTES:

IRRITATION OF MUCOUS/RABBIT EYES/DRAIZE TEST: NO DATA AVAILABLE

SKIN IRRITATION/RABBIT/DRAIZE TEST: NO DATA AVAILABLE

ACTUAL ORAL TOXICITY LD50(RAT): NO DATA AVAILABLE

TOLERANCE LIMIT: 400ppm, 980mg/m³

TOXICOLOGICAL INFORMATION:

SECTION 11: TOXICOLOGICAL INFORMATION

SECTION 10 NOTES:



DISCLAIMER:

PREPARATION INFORMATION:

OTHER INFORMATION:

SECTION 16: OTHER INFORMATION

SECTION 15 NOTES:

INTERNATIONAL REGULATIONS:

STATE REGULATIONS:

313 REPORTABLE INGREDIENTS:

311/312 HAZARD CATEGORIES:

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

U.S. FEDERAL REGULATIONS NO DATA AVAILABLE
TSCA (TOXIC SUBSTANCE CONTROL ACT):

SECTION 15: REGULATORY INFORMATION

SECTION 14 NOTES:

OTHER AGENCIES:

