

**MATERIAL SAFETY DATA SHEET**

PRODUCT IDENTITY / TRADE NAME: KIWO DUAL STRIP

MANUFACTURER: KIWO, INC.

ADDRESS: 1929 MARVIN CIRCLE, P.O. BOX 1009, SEABROOK, TX 77586

INFORMATION TELEPHONE NUMBER: 281-474-9777

EMERGENCY TELEPHONE NUMBER (24 Hour):- CHEM TEL |USA: - 800 225 3924

OUTSIDE THE USA:-813 248 0585.

HAZARDOUS INGREDIENTS:	% RANGE	CAS #
WATER	75-95%	
METAPERIODATE (AS GROUP 1A SALT)	3-7%	7790-28-5

BOILING POINT: 100°C      VAPOR PRESSURE: UNKNOWN

SOLUBILITY IN WATER: SOLUBLE IN WATER    DENSITY: 1.05 G/CM3

APPEARANCE AND ODOR: CLEAR, COLORLESS TO LIGHT BROWN LIQUID, NO ODOR

**PHYSICAL HAZARD DATA**

COMPRESSED GAS: NO      PYROPHORIC: NO    OXIDIZER: YES

ORGANIC PEROXIDE: NO    FLAMMABLE/COMBUSTIBLE: NO    FLASH POINT: N/A

EXTINGUISHING MEDIA: NON-COMBUSTIBLE, USE EXTINGUISHING AGENT  
APPROPRIATE FOR SURROUNDING FIRE.

SPECIAL FIREFIGHTING PROCEDURES: WEAR SCBA FOR FIRE INVOLVING THIS  
PRODUCT. KEEP FIRE EXPOSED CONTAINERS COOL IF POSSIBLE.

EXPLOSIVE: NO

REACTIVITY/INCOMPATIBILITY: PERIODATES REACT WITH REDUCING AGENTS.  
INCOMPATIBLE WITH MATERIALS THAT REACT WITH WATER OR OXIDIZING AGENTS,  
HYDROGEN HALIDE.

HAZARDOUS DECOMPOSITION PRODUCTS: NASCENT HALOGENS ON CONTACT WITH  
HALOGEN HALIDES.

SPECIAL STORAGE PRECAUTIONS: STORE IN CLOSED CONTAINER, KEEP OUT OF  
DIRECT SUNLIGHT

## **HEALTH HAZARD DATA**

ACUTE EFFECTS OF OVEREXPOSURE: SKIN DRYING AND IRRITATION, IRRITATION OR BURNS TO THE EYE. IRRITATION OF UPPER RESPIRATORY TRACT, HEADACHE, TIGHTNESS OF CHEST IF MIST INHALED. INGESTION CAN CAUSE IRRITATION OR BURNS OF THE MOUTH, VOMITING, ABDOMINAL PAIN, DIARRHEA, SKIN RASH

CHRONIC EFFECTS OF OVEREXPOSURE: NONE REPORTED IN CURRENT LITERATURE

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: DERMATITIS

PRIMARY ROUTE(S) OF EXPOSURE: EYE, SKIN, INGESTION, INHALATION

LISTED CARCINOGEN: NO

EXPOSURE LIMITS: NONE ESTABLISHED

FIRST AID: FOR SKIN CONTACT-FLUSH THOROUGHLY WITH WATER. FOR CONTACT WITH EYES-FLUSH WITH WATER FOR AT LEAST 15 MINUTES OR IF AVAILABLE A 1% SODIUM BICARBONATE SOLUTION, THEN SEEK MEDICAL ATTENTION. FOR INGESTION-GIVE PLENTY OF WATER, THEN INDUCE VOMITING. (NEVER MAKE AN UNCONSCIOUS PERSON VOMIT). SEEK IMMEDIATE MEDICAL ATTENTION. INHALATION-REMOVE TO FRESH AIR, SEEK MEDICAL ATTENTION.

---

## **SAFE HANDLING PROCEDURES**

HYGIENIC PRACTICES: AVOID CONTACT WITH SKIN, EYES, AND CLOTHING. WASH AFTER HANDLING

SPECIAL PROTECTIVE MEASURES DURING REPAIR/MAINTENANCE OF CONTAMINATED EQUIPMENT: USE PROTECTIVE EQUIPMENT RECOMMENDED

SPILL HANDLING/CLEAN-UP: WEAR PROTECTIVE EQUIPMENT, AVOID CONTACT, ABSORB AND PLACE IN CONTAINER FOR DISPOSAL. WASH RESIDUE WITH WATER

---

## **CONTROL MEASURES**

RECOMMENDED ENGINEERING CONTROLS: NONE REQUIRED FOR NORMAL USE

RECOMMENDED WORK PRACTICES: AVOID CREATING OR BREATHING MIST. AVOID CONTACT WITH SKIN, EYES, OR CLOTHING

RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION: NONE NORMALLY REQUIRED. A NIOSH APPROVED MIST RESPIRATOR CAN BE USED IF NEEDED. RESPIRATOR SELECTION DEPENDS ON PROCESS, CONDITIONS, AND CONTAMINANT CONCENTRATION. USE APPROPRIATE EQUIPMENT AS RECOMMENDED BY AN INDUSTRIAL HYGIENIST OR OTHER HEALTH PROFESSIONAL

GLOVES: USE RUBBER OR NEOPRENE GLOVES

EYE PROTECTION: USE CHEMICAL SPLASH GOGGLES

OTHER: A PROTECTIVE APRON CAN BE USED IF CONTACT IS LIKELY.

---

COMMENTS: FOR INDUSTRIAL/COMMERCIAL USE ONLY

---

**REGULATORY STATUS**

TSCA - ALL INGREDIENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY

THE FOLLOWING CHEMICAL INGREDIENTS ARE REGULATED UNDER PROPOSITION 65 OF THE STATE OF CALIFORNIA

NONE

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372 (SARA 313 - TOXIC CHEMICAL RELEASE REPORTING.)

NONE

VOC CONTENT: NONE

---

DATE PREPARED/UPDATED:FEBRUARY 2, 2006  
PREPARED BY: CLARK KING, EXEC.V.P., KIWO, INC.