

**MATERIAL SAFETY DATA SHEET**

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PRODUCT IDENTITY / TRADE NAME: KIWO HAZE REMOVER

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.

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**HAZARDOUS INGREDIENTS**

SODIUM SILICATE (CAS # 6384-92-0) 5-10%  
SODIUM HYPOCHLORITE (CAS # 7681-52-9) LESS THAN 5%  
WATER

BOILING POINT: APPROX. SAME AS WATER VAPOR PRESSURE: UNKNOWN

SOLUBILITY: COMPLETE IN WATER SPECIFIC GRAVITY: UNAVAILABLE

PH 12-13

APPEARANCE AND ODOR: COLORLESS LIQUID, HYPOCHLORITE ODOR

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**PHYSICAL HAZARD DATA**

COMPRESSED GAS: NO PYROPHORIC: NO OXIDIZER: NO

ORGANIC PEROXIDE: NO FLAMMABLE/COMBUSTIBLE: NO FLASH POINT: NONE

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

SPECIAL FIREFIGHTING PROCEDURES: USE SCBA FOR FIGHTING FIRES WHERE THIS MATERIAL IS PRESENT.

EXPLOSIVE: NO

REACTIVITY/INCOMPATIBILITY: CONTACT WITH ACIDS CAN CAUSE VIOLENT REACTION, HEAT, SUNLIGHT, CERTAIN METAL CONTAMINANTS, ESPECIALLY FE, CU, NI.

HAZARDOUS DECOMPOSITION PRODUCTS: CHLORINE

SPECIAL STORAGE PRECAUTIONS: STORE IN COOL AREA AWAY FROM DIRECT SUNLIGHT. CONTAINERS SHOULD BE EQUIPPED WITH PRESSURE RELIEF VALVES.

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## **HEALTH HAZARD DATA**

ACUTE EFFECTS OF OVEREXPOSURE: LIQUID CONTACT CAN CAUSE SEVERE IRRITATION OR BURNS TO EYES, SKIN, MUCOUS MEMBRANES. VAPORS CAN BE IRRITATING TO EYES, MUCOUS MEMBRANES AND UPPER RESPIRATORY SYSTEM.

CHRONIC EFFECTS OF OVEREXPOSURE: NONE REPORTED IN THE CURRENT LITERATURE

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NONE KNOWN

PRIMARY ROUTE(S) OF EXPOSURE: EYE, SKIN

LISTED CARCINOGEN: NO

EXPOSURE LIMITS: NONE ESTABLISHED

FIRST AID: EYES-FLUSH WITH PLENTY OF WATER FOR 15 MINUTES THEN SEE A PHYSICIAN. SKIN-FLUSH WITH PLENTY OF WATER. INHALATION-REMOVE FROM EXPOSURE, CONSULT A PHYSICIAN IF IRRITATION PERSISTS. INGESTION-GIVE PLENTY OF WATER TO DRINK, THEN INDUCE VOMITING, THEN GIVE MILK, TABLE OIL OR RAW EGG, GET IMMEDIATE MEDICAL ATTENTION.

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## **SAFE HANDLING PROCEDURES**

HYGIENIC PRACTICES: AVOID SPLASHING AND SKIN CONTACT. WASH AFTER HANDLING.

SPECIAL PROTECTIVE MEASURES DURING REPAIR/MAINTENANCE OF CONTAMINATED EQUIPMENT: DEPENDING ON PROCESS, SPECIAL PROTECTIVE CLOTHING MAY BE NEEDED TO PREVENT SKIN AND EYE CONTACT.

SPILL HANDLING/CLEAN-UP: CONTAIN SPILL, USE APPROPRIATE PROTECTIVE EQUIPMENT AND COLLECT FOR DISPOSAL.

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## **CONTROL MEASURES**

RECOMMENDED ENGINEERING CONTROLS: USE WITH ADEQUATE VENTILATION.

RECOMMENDED WORK PRACTICES: AVOID SPLASHING AND CREATING MIST. KEEP MATERIAL FROM CONTACT WITH ACIDS.

RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION: RESPIRATOR SELECTION DEPENDS ON CONTAMINANT FORM AND CONCENTRATION. IF NEEDED, CONSULT AN INDUSTRIAL HYGIENIST FOR ASSISTANCE IN PROPER SELECTION AND USE.

GLOVES: USE IMPERVIOUS GLOVES WHERE SKIN CONTACT IS POSSIBLE.

EYE PROTECTION: CHEMICAL SAFETY GOGGLES OR FACE SHIELD.

OTHER: APRONS OR OTHER PROTECTIVE CLOTHING AS NEEDED TO PREVENT SKIN CONTACT, EYE WASH, SAFETY SHOWER.

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COMMENTS: FOR INDUSTRIAL/COMMERCIAL USE ONLY

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### **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

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DATE PREPARED/UPDATED: JANUARY 30, 2006  
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