

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTITY/TRADE NAME: DIAZO SENSITIZER # 13,14

MANUFACTURER: KIWO, INC.

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

INFORMATION TELEPHONE NUMBER: 281-474-9777

HAZARD DATA SECTION

HAZARDOUS INGREDIENTS	% RANGE	CAS #
BENZENE DIAZONIUM, 4-(PHENYLAMINO)SULPHATE (1:1), POLYMER WITH FORMALDEHYDE	49-69%	41432-19-3
PHOSPHORIC ACID	31-41%	7664-38-2

BOILING POINT: UNKNOWN

VAPOR PRESSURE: 0.029 @ 20 °C

SOLUBILITY: SOLUBLE IN WATER

SPECIFIC GRAVITY: UNKNOWN

APPEARANCE AND ODOR: DARK SYRUPY LIQUID, NO ODOR

PHYSICAL HAZARD DATA

COMPRESSED GAS: NO

PYROPHORIC: NO

OXIDIZER: NO

ORGANIC PEROXIDE: NO

FLAMMABLE/COMBUSTIBLE: NO

FLASH POINT: NONE

EXTINGUISHING MEDIA: FOAM, CO₂, WATER, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES: NONE

EXPLOSIVE: NO, BUT CONTACT WITH STRONG ALKALI MAY CAUSE EXPLOSION.

REACTIVITY/INCOMPATIBILITY: INCOMPATIBLE WITH ALKALINE MATERIALS. SUNLIGHT OR HEAT ABOVE 40°C WILL CAUSE SLOW DECOMPOSITION RELEASING NITROGEN GAS.

HAZARDOUS DECOMPOSITION PRODUCTS: NITROGEN, WATER, ACID VAPORS, PHOSPHOROUS OXIDES

SPECIAL STORAGE PRECAUTIONS: STORE IN A COOL, DRY DARK, PLACE. MATERIAL IS LIGHT-SENSITIVE. AVOID CONTACT WITH CAUSTIC MATERIALS.

HEALTH HAZARD DATA

ACUTE EFFECTS OF OVEREXPOSURE: IRRITATING TO SKIN, EYES AND MUCOUS MEMBRANES, INHALATION MAY CAUSE RESPIRATORY IRRITATION.

CHRONIC EFFECTS OF OVEREXPOSURE: NONE REPORTED IN CURRENT LITERATURE.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: DERMATITIS, CHRONIC RESPIRATORY CONDITIONS.

PRIMARY ROUTE(S) OF EXPOSURE: EYE, SKIN

LISTED CARCINOGEN: NO

EXPOSURE LIMITS OSHA PEL 1 MG/M3 (PHOSPHORIC ACID)

FIRST AID: SKIN-RINSE WITH PLENTY OF WATER. EYE CONTACT- FLUSH WITH WATER, SEE PHYSICIAN IF IRRITATION PERSISTS. INGESTION-INDUCE VOMITING SEE A PHYSICIAN IF ANY ILL EFFECTS NOTED.

SAFE HANDLING PROCEDURES

HYGIENIC PRACTICES: WASH THOROUGHLY AFTER HANDLING.

SPECIAL PROTECTIVE MEASURES FOR REPAIR/MAINTENANCE OF CONTAMINATED EQUIPMENT:
FOLLOW ALL NORMAL USE PRECAUTIONS.

SPILL HANDLING/CLEAN-UP: SWEEP UP AND DISCARD. WASH AREA WITH WATER.

CONTROL MEASURES

RECOMMENDED ENGINEERING CONTROLS: NONE REQUIRED FOR NORMAL USE.

RECOMMENDED WORK PRACTICES: AVOID CONTACT WITH ALKALINE MATERIAL.

RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: NONE REQUIRED UNDER NORMAL USE. RESPIRATOR SELECTIONS DEPENDS ON CONTAMINANT AND CONCENTRATION, CONSULT AN INDUSTRIAL HYGIENIST FOR ASSISTANCE IN SELECTION AND USE.

GLOVES: IMPERVIOUS GLOVES MAY BE USED

EYE PROTECTION: SAFETY GLASSES RECOMMENDED, DO NOT WEAR CONTACT LENSES WHEN WORKING WITH THIS OR ANY OTHER CHEMICAL.

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

DATE PREPARED/UPDATED:OCTOBER 19, 2004
PREPARED BY: CLARK KING, EXEC. V.P., KIWO INC.