

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTITY/TRADE NAME: PREGASOL EP 33

MANUFACTURER: KIWO INC.

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

INFORMATION TELEPHONE NUMBER: 281-474-9777

HAZARDOUS INGREDIENTS

	% RANGE	CAS #
SODIUM META PERIODATE INORGANIC SALT IDENTITY	40-60%	7790-28-5
WITHHELD AS TRADE SECRET	40-60%	

BOILING POINT: N/A VAPOR PRESSURE: NOT MEASURABLE

SOLUBILITY IN WATER: SOLUBLE DENSITY: 2.75

APPEARANCE AND ODOR: WHITE CRYSTALLINE POWDER

PHYSICAL HAZARD DATA

COMPRESSED GAS: NO PYROPHORIC: NO OXIDIZER: YES

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

EXTINGUISHING MEDIA: NOT COMBUSTIBLE. USE MEDIA APPROPRIATE FOR THE FIRE SITUATION.

SPECIAL FIREFIGHTING PROCEDURES: NONE REQUIRED. SODIUM PERIODATE IS AN OXIDIZING AGENT AND CAN BE A FIRE HAZARD IN CONTACT WITH FLAMMABLE OR COMBUSTIBLE MATERIALS.

EXPLOSIVE: NO

REACTIVITY/INCOMPATIBILITY: PERIODATES REACT WITH REDUCING AGENTS. INCOMPATIBLE WITH MATERIALS THAT REACT WITH OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS: WHEN HEATED CAN DECOMPOSE TO OXYGEN, TOXIC IODINE VAPORS.

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 POWDER 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 WHEN USING PRODUCT DILUTED TO WORKING CONCENTRATION. 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

DATE PREPARED/UPDATED: OCTOBER 1, 2002
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