

SIMPSON ENVIRONMENTAL RESEARCH

CALIFORNIA U.S.A.

MATERIAL

SAFETY

DATA

SHEETS

ACTIVE HYDROLYTE PROTEIN STRIPPER POWDER

MANUFACTURED BY: SIMPSON ENVIRONMENTAL RESEARCH

“AHPSP IS SAFE TO THE ENVIRONMENT”

“AHPSP IS COST EFFECTIVE FOR ENVIRONMENTAL CONTAMINATION RESOLUTIONS”

MATERIAL SAFETY DATA SHEET

SIMPSON ENVIRONMENTAL RESEARCH

ACTIVE HYDROLYTE PROTEIN STRIPPER POWDER

SECTION I

MANUFACTURE: SIMPSON ENVIRONMENTAL RESEARCH

ORIGINATOR (INVENTOR): BOBBY R. SIMPSON Ph.D., MOLECULAR (PARTICLE) PHYSICIST

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EMERGENCY TELEPHONE:

CHEMICAL NAME / SYNONYMS: ACTIVE HYDROLYTE PROTEIN STRIPPER POWDER

TRADE NAME / SYNONYMS: CHLORIDE ACID

CHEMICAL FAMILY:

FORMULA: CHOOHHCL H₂OH₃O₃P₂H₂O K (mg Fe₂⁺) 3CALI Fe₃ +S (3O₁O(OH) 8-H₂O E=1
NA₂K₂OAL₃O₃10 SiO₂8H₂O NA₂OAL₂O₃-10-S1D₂ H₂O

SECTION II

HAZARDOUS INGREDIENTS

MATERIAL: % TLV(UNITS)
CLAY 20%
CALCIFIED GRANET SODIUM PYRITE 80% HYDROCHLORITE

SECTION III

PHYSICAL DATA

BOILING POINT: HEAT IS RELEASED WHEN MIXED WITH PHOSPHATE AND WATER.

FREEZING POINT: \

SPECIFIC GRAVITY: 1.5 APPROXIMATE (DRY)

VAPOR PRESSURE AT 20 DEG. C:

VAPOR DENSITY: AIR=1

SOLUBILITY IN WATER % BY WT. @ 20 DEG.C: 50% NO HEAT REACTION

% VOLATILES BY VOLUME: N/A

EVAPORATION RATE: Butyl Acetate=1.

APPEARANCE AND ODOR: WHITE, CONSISTENCY OF DRY CEMENT.

SECTION IV

TOXICITY DATA

ORAL LD₅₀ (RAT)

PRIMARY SKIN IRRATATION (RABBIT)

DERMAL LD₅₀

EYE IRRATATION (RABBIT)

INHALATION 3 HRS. LC₅₀

BLUEGILL SUNFISH (96 HRS. TLM)

MINNOW (96 HRS. TLM)

TROUT (96 HRS. LC₅₀)

ALGAE (96 HRS. EC₅₀)

DAPHNIA MAGNA (48 HRS. LC₅₀)

* ACTUAL CONCENTRATION MEASURED IN BREATHING ZONE: 100%

MATERIAL SAFETY DATA SHEET

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SECTION V REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY:

HAZARDOUS DECOMPOSITION PRODUCTS:

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION VI SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE THE MATERIAL IS SPILLED OR RELEASED:

IF LOCAL HIGH CONCENTRATION OF AIRBORNE DUST OCCURS, DAMPEN SPILL WITH WATER AND VENTILATE TO DISPERSE DUST LADEN AIR. SWEEP UP THE SPILL AND RECLAIM OR PLACE IN A COVERED WASTE DISPOSAL CONTAINER.

WASTE DISPOSAL METHOD: SANITARY LANDFILL OR INCINERATE IN AN APPROVED FACILITIES IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

DO NOT HEAT OR INCINERATE IN CLOSED CONTAINERS.

SECTION VII SPECIAL PROTECTIVE INFORMATION

RESPIRATORY PROTECTION: IF PERSONAL EXPOSURE CANNOT BE CONTROLLED BELOW APPLICABLE EXPOSURE LIMITS BY VENTILATION, WEAR RESPIRATORY DEVICES APPROVED BY NIOSH/MSHA FOR PROTECTION AGAINST ORGANIC VAPORS, DUST, AND MISTS.

VENTILATION: LOCAL EXHAUST RECOMMENDED FOR DUST CONTROL.

PROTECTIVE GLOVES: RECOMMENDED TO AVOID SKIN CONTACT (RUBBER OR VINYL).

OTHER PROTECTIVE EQUIPMENT: SAFETY SHOWER AND EYE WASH.

SECTION VIII SPECIAL PRECAUTIONS

PRECAUTION TO BE TAKEN IN HANDLING AND STORAGE: 1. STORE IN A COOL DRY AREA. 2. AVOID CREATING AIRBORNE DUST CONCENTRATION, WHICH COULD CONSTITUTE A POTENTIAL DUST. 3. AVOID CONTACT WITH SKIN, EYES, AND CLOTHING. 4. AVOID INHALATION OF DUST AND VAPORS. 5. DO NOT TAKE INTERNALLY. 6. CLEAN UP SPILLS IMMEDIATELY.

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SUPERSEDES:

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