

MATERIAL SAFETY DATA SHEET

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SECTION I - PRODUCT INFORMATION:

PRODUCT IDENTIFIER: **ULTRACIDE**

MANUFACTURER: **SUPERIOR PRODUCTS INT'L II, INC.**

ADDRESS: **10835 W. 78th St., Shawnee, KS 66214**

PRODUCT USE: **Latex coating for all substrates to kill & stop infestation of insects**

EMERGENCY TELEPHONE NUMBER: **800-424-9300**

SECTION II - HAZARDOUS INGREDIENTS:

HAZARDOUS INGREDIENTS	%	CAS/PIN	LD ₅₀ (Species/Route)	LC ₅₀ (Species)
chlorpyrifos	0.5-1.5	2921-88-2	82mg/kg (oral, rat)	78mg/m ³ (rat)
monoethylene glycol	5-10	107-21-1	1600mg/kg (oral, human)	LCLo 8000 ppm (rat)
xylene	1-5	1330-20-7	2.5-10mL/kg (oral, rat)	29g/m ³ , 4h (rat)
vinyl acetate-acrylic copolymer	10-20	108-05-4	NAV	NAV
water	40-70			
ultracide			>2000mg/kg (dermal, rabbit) 5000mg/kg (oral, rat)	

SECTION III - PHYSICAL DATA:

PHYSICAL STATE: Liquid

APPEARANCE AND ODOR: White liquid, dries to clear finish, mild acrylic odor

SOLUBILITY IN WATER: 100%

FREEZING POINT: @0C. deg. **BOILING POINT:** @100C. deg. **pH:** 7.0-8.0

SPECIFIC GRAVITY: 1.04 **ODOR THRESHOLD:**@ 0.08-25 ppm

COEFF. WATER/OIL: NAV **EVAPORATION RATE:** as water **VOLATILES:** 10-15

VAPOUR DENSITY (Air = 1): 2.1 **VAPOUR PRESSURE:** 17mmHg @ 20C. deg.

SECTION IV - FIRE OR EXPLOSION HAZARD:

CONDITIONS OF FLAMMABILITY: Non-flammable, water-based product

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, toxic gases containing chlorine, methacrylates

AUTOIGNITION TEMP.: 398C. deg. **MINIMUM IGNITION ENERGY:** NAV

FLAMMABLE LIMITS: (Lower) NAP (Upper) NAP **FIRE POINT:** NAV

FLASH POINT & METHOD: NAP

SENSITIVITY TO MECHANICAL IMPACT? No

SENSITIVITY TO STATIC DISCHARGE? No

SPECIAL PROCEDURES: Firefighters should wear full-body protection & SCBA.

MEANS OF EXTINCTION: Dry chemical or foam to control adjacent fires; excess water could lead to spread of organophosphate pesticide component

NAP = Not Applicable

NAV = Not Available

SECTION V - REACTIVITY DATA:**CONDITIONS OF REACTIVITY:** Stable**CHEMICAL INCOMPATIBILITY:** Strong acids or bases**CONDITIONS OF INSTABILITY:** Extreme heat **CORROSIVE BEHAVIOR?** No**HAZARDOUS DECOMPOSITION PRODUCTS:** No hazardous polymerization**SECTION VI - TOXICOLOGICAL PROPERTIES:**ROUTES OF ENTRY:SKIN CONTACT **X** EYE CONTACT **X** INHALATION **X**INGESTION **X** SYNERGISTIC PRODUCTS: **None****EXPOSURE LIMITS:** Chlorpyrifos 0.2mg/m³ (ACGIH); xylene 100ppm (ACGIH);
monoethylene glycol C50ppm (ACGIH)**EFFECTS OF ACUTE EXPOSURE:** Headache, dizziness, weakness, nausea, loss
of muscle control; irritates eye, nose and throat**EFFECTS OF CHRONIC EXPOSURE:** Weakness, anorexia, malaise, damage to
kidneys**MUTAGENICITY:** Some evidence; chlorpyrifos, glycol**TERATOGENICITY:** Some evidence; glycol, xylene**IRRITANCY:** Irritation at high vapor levels; skin & eye irritation**REPRODUCTIVE TOXICITY:** Some evidence; xylene, chlorpyrifos**SENSITIZATION:** No evidence**CARCINOGENICITY:** NAV**SECTION VII - PREVENTIVE MEASURES:****PERSONAL PROTECTIVE EQUIPMENT:** Cartridge respirator, NIOSH approved
for organophosphate pesticides; PVC or other water-resistant gloves without
cloth lining; chemical splash goggles; full-body protection if spray painting**ENGINEERING CONTROLS:** Mechanical ventilation to prevent mist or aerosol
accumulation; use local exhaust ventilation if confined.**STORAGE REQUIREMENTS:** Keep in closed in cool location; avoid heat & sun-
light, 5-50C. degrees recommended; avoid freezing; treat as pesticide.**HANDLING PROCEDURES/EQUIPMENT:** Avoid skin contact; avoid mist or
aerosol generation**LEAK/SPILL PROCEDURES:** Contain spill; prevent entry to sewer; absorb with
kitty litter.**WASTE DISPOSAL:** Crush or puncture empty cans to prevent refuse; dispose in
approved landfill; insure all waste is dry before disposal to prevent seepage
to waterways**SECTION VIII - FIRST AID MEASURES:****INHALATION:** Remove to fresh air.**EYES:** Flush eyes w/water for 15-20 minutes. Seek medical attention.**SKIN:** Wash w/warm, soapy water. Chlorpyrifos can penetrate skin--be aware.**INGESTION:**Do not induce vomiting. Give 1-2 glasses water or milk. Get medical
attention.**SECTION IX - PREPARATION INFORMATION:**PREPARED BY: **Superior Products Int'l II, Inc.**TELEPHONE NO.: **913-962-4848** DATE OF PREPARATION: **8/24/06**