

KOP-COAT, INC  
PROTECTION PRODUCTS  
5137 SOUTHWEST AVENUE  
ST. LOUIS  
MO 63110

EMERGENCIES

HEALTH/SPILLS.....: 800-548-0489  
CHEMTREC ASSISTANCE: 800-424-9300  
CHEMTREC OUTSIDE US: 703-527-3887  
CANUTEC.....: 613-996-6666

KOP-COAT, INC

PRODUCT INFORMATION: 412-227-2700  
OUTSIDE USA.....: 412-227-2700

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1 PRODUCT IDENTIFICATION  
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PRODUCT NAME: Woodlife 1 1 1  
PRODUCT USE.: Wood preservative  
APPEARANCE.: Clear liquid with hydrocarbon odor  
CAS NUMBER.: Mixture  
SYNONYMS....: None

REVISION....: 2  
DATE.....: 11/12/03  
MSDS NUMBER: 12982

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2 HAZARDOUS INGREDIENTS  
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HAZARDOUS COMPONENT	REG AGENCY	PPM	NOTES	MG/M3	NOTES
Complex combination of hydrocarbons	ACGIH TLV OSHA PEL	—		2 2	18 18
CAS NUMBER:TRADE SECRET-CH					
PERCENT BY WGT: 1 TO 5					
Co-solvent			(None established.)		
CAS NUMBER:TRADE SECRET-CO					
PERCENT BY WGT: 5 TO 10					
Tebuconazole			(None established.)		
CAS NUMBER:107534-96-3					
PERCENT BY WGT: < 1					
3-iodo-2-propynyl butyl carbamate			(None established.)		
CAS NUMBER:55406-53-6					
PERCENT BY WGT: < 1					
Propiconazole			(None established.)		
CAS NUMBER:60207-90-1					
PERCENT BY WGT: < 1					

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2 HAZARDOUS INGREDIENTS  
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HAZARDOUS COMPONENT	REG AGENCY	PPM	NOTES	MG/M3	NOTES
Naphtha, Heavy Hydro-treated	ACGIH TLV	100	034		
CAS NUMBER:64742-48-9	OSHA PEL	500	034		
PERCENT BY WGT: 85 TO 90					
Ketones, Mixture	ACGIH TLV	25	33		
CAS NUMBER:68990-20-5	OSHA PEL	25	33		
PERCENT BY WGT: 1 TO 5					

## NOTES:

- 18) Exposure limits are for paraffin wax  
33) Exposure limits are for diisobutyl ketone.  
034) Exposure limits are for stoddard solvent.

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3 HAZARDS IDENTIFICATION  
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EYE: Contact with liquid may cause eye irritation if not promptly rinsed from eyes.

SKIN: Contact with liquid may cause moderate skin irritation. Repeated or prolonged contact with the skin can result in defatting and drying of the skin which may result in skin irritation and dermatitis.

INHALATION: May cause irritation to nose, throat and respiratory tract. Excessive exposure to solvents may cause central nervous system depression, including headache, dizziness, drowsiness or nausea.

INGESTION: May cause vomiting, diarrhea and depressed respiration. Aspiration of material into the lungs due to vomiting can cause chemical pneumonitis, which may be fatal.

Individuals with pre-existing disease in or a history of ailments involving the skin, eye, respiratory tract, liver, kidney or central nervous system are at a greater than normal risk of developing adverse effects when exposed to this material.

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4 FIRST AID MEASURES  
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EYE CONTACT: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

SKIN CONTACT: Remove contaminated clothing. Wash affected areas immediately

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#### 4 FIRST AID MEASURES

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with soap and water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**INHALATION:** Remove to fresh air. If breathing has stopped, call 911, then have a trained person administer artificial respiration, preferably mouth-to-mouth. Call a poison control center or doctor for further treatment advice.

**INGESTION:** Call a poison control center immediately for treatment advice. Do NOT induce vomiting unless told to do so by poison control center or doctor. Do not give ANY liquid to the person. Do not give anything by mouth to an unconscious person.

**NOTE TO PHYSICIAN:** Mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be required. Although carbamates are known to cause cholinesterase inhibition, 3-iodo-2-propynyl butyl carbamate did not inhibit cholinesterase in animal tests.

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#### 5 FIRE FIGHTING MEASURES

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**FLASH POINT:** 105F/41C

**AUTOIGNITION TEMPERATURE:** Not determined.

**FLAMMABLE LIMITS (% by volume/air)**

Lower Limit: Not determined.

Upper Limit: Not determined.

**EXTINGUISHING MEDIA:** Use dry chemical, carbon dioxide, or foam.

**FIRE FIGHTING PROCEDURES:** As in any fire, wear complete fire service protective equipment, including full-face MSHA/NIOSH approved or equivalent self-contained breathing apparatus. Use water to cool fire-exposed container/structure/protect personnel. Do not put in contact with oxidizing or caustic materials.

**FIRE AND EXPLOSION HAZARDS:** Solvent vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by flames and ignition sources. Never use welding or cutting torch on or near drum (even empty), because product residue can ignite explosively. Containers may explode if exposed to extreme heat. Eliminate sources of ignition.

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#### 6 SPILL AND LEAK PROCEDURES

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**SMALL SPILL:** Absorb spill with an inert material (e.g., sand or earth), then place in a chemical waste container for proper disposal. Take up carefully to avoid heat and sparks. Keep spills out of sewers and open bodies of water.

**LARGE SPILL:** Isolate hazard area and deny entry. Shut-off ignition sources

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## 6 SPILL AND LEAK PROCEDURES

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(flares, flames, including pilot lights, electrical sparks). Dike and contain spilled liquid with sand or earth. Do not use combustible products such as sawdust. Pump to storage or salvage vessel. Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities that a spill has occurred.

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## 7 HANDLING AND STORAGE

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**HANDLING:** Avoid prolonged or repeated breathing of vapors or mists and contact with skin or eyes. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling. Ground and bond containers when transferring.

**STORAGE:** Store in areas/buildings designed to comply with OSHA 29 CFR 1910.106. Keep in a closed, labeled container within a cool (well-shaded), dry, ventilated area. Protect from physical damage. Keep containers closed when not in use. Store away from caustics and oxidizers.

**OTHER:** Showering and clothing change recommended at the end of each shift. Keep containers from excessive heat and freezing. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.

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## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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**ENGINEERING CONTROLS:** Provide sufficient mechanical ventilation (local or general exhaust) to maintain exposures below current exposure limits. Vapors are heavier than air and will collect in low areas. Check all low areas for vapors before entering.

**RESPIRATORS:** If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements 29 CFR 1910.134.

**PERSONAL PROTECTIVE EQUIPMENT:** Industrial safety glasses, minimum. As necessary for work area conditions: use side shields, goggles, or faceshield. As required, chemical resistant, flexible type gloves (nitrile, neoprene, or equal). Wear industrial-type work clothing and safety footwear. Depending on working conditions, i.e., contact potential, wear impervious protective garments such as head/neck cover, gloves, aprons, jackets, pants, coveralls, boots, etc. Wash contaminated clothing before reuse.

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

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9 PHYSICAL AND CHEMICAL PROPERTIES  
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Weight Per Gallon (lbs): 6.500 % VOL by Weight.: Not determined  
Vapor Density.: (Air=1)>1 Boiling Point...: Not determined  
Vapor Pressure: Not determined Evaporation Rate: (Butyl Acet=1)<1  
pH.....: Not applicable Specific Gravity: < 1  
Solubility In Water: Negligible Viscosity.....: Not determined  
VOC Content.....: Refer to Product Data Sheet

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10 STABILITY AND REACTIVITY DATA  
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STABILITY: Stable  
HAZARDOUS POLYMERIZATION: Will not occur.  
INCOMPATIBILITY: Strong oxidizers and caustics.  
HAZARDOUS DECOMPOSITION PRODUCT(S): Carbon dioxide, carbon monoxide, and  
oxides of nitrogen.

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11 TOXICOLOGICAL INFORMATION  
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Contact Kop-Coat for information.

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12 ECOLOGICAL INFORMATION  
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Product has not been tested for ecotoxicity.

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13 DISPOSAL CONSIDERATIONS  
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Dispose of in compliance with all federal, state and local laws and regulations.

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14 TRANSPORTATION INFORMATION  
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DOT information for domestic ground transportation:  
DOT PROPER SHIPPING NAME: Combustible liquid, n.o.s. (Mineral spirits)  
DOT HAZARD CLASS: 3 PG III  
LABEL: Wood Preservatives  
DOT IDENTIFICATION NUMBER: NA1993

DOT information for domestic air transportation:  
DOT PROPER SHIPPING NAME: Flammable liquid, n.o.s. (Mineral spirits)  
DOT HAZARD CLASS: 3 PG III  
LABEL: Flammable

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14 TRANSPORTATION INFORMATION  
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DOT IDENTIFICATION NUMBER: UN1993

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15 REGULATORY INFORMATION  
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SARA TITLE III SECTION 313 CHEMICALS

3-iodo-2-propynyl butyl carbamate  
Propiconazole

EPA REGISTRATION NUMBER: 60061-103

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16 OTHER INFORMATION  
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NOTICE: While the information and recommendations set forth herein are believed to be accurate as of the date hereof, Kop-Coat, Inc. makes no warranty with respect thereto and disclaims all liability from reliance thereon.

PREPARED BY: Manager of Health Safety and Environmental Affairs