MATERIAL SAFETY DATA SHEET

DATE PREPARED: 11/27/2000

MSDS No: 5718

ORTHO® ANT-STOP® Ant Killer Bait2

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ORTHO® ANT-STOP® Ant Killer Bait2
PRODUCT DESCRIPTION: Insecticide

MANUFACTURER

The ORTHO Group
P.O. Box 1749
Columbus, OH 43216

24 HR. EMERGENCY TELEPHONE NUMBERS

Emergency Phone: 1-800-225-2883

EPA REG. NO.: 506-137-239B **PN:** 6029

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS#
Propoxur, 2-(1-Methylethoxy) Phenyl Methylcarbamate	< 0.3	114-26-1
Other Ingredients	99.75	

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Brown or yellow paste inside protective canister

IMMEDIATE CONCERNS:
- HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH THE SKIN
- CAUSES MODERATE EYE IRRITATION
- AVOID CONTACT WITH EYES, SKIN, OR CLOTHING
- KEEP OUT OF REACH OF CHILDREN

POTENTIAL HEALTH EFFECTS

EYES: This substance is not expected to cause prolonged or significant eye irritation.

SKIN: This substance is not expected to cause prolonged or significant skin irritation.

INGESTION: The systemic toxicity of this substance has not been determined. However, it should be practically non-toxic to internal organs if swallowed. Read the Toxicology Information section (11) of this document for more information.

INHALATION: The systemic toxicity of the concentrated product has not been determined. However, the diluted product is considered practically non-toxic to internal organs if inhaled. Read the Toxicological Information section (11) of this document for more information.

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4. FIRST AID MEASURES

EYES: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

SKIN: If on skin or clothing, take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

INGESTION: If swallowed, call a poison control center or doctor immediately for treatment advice. Have person sip glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Never give anything by mouth to an unconscious person.

INHALATION: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

NOTES TO PHYSICIAN: In severe poisoning, measurement of blood cholinesterase activity may be used in monitoring exposure, but may not be reliable detectors of carbamate poisoning because enzyme activities may revert to normal withing minutes or hours of exposure. If signs and/or symptoms of cholinesterase inhibition appear, atropine sulfate is antidotal.

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5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: CO2, dry chemical, foam and water fog.

HAZARDOUS COMBUSTION PRODUCTS: Normal combustion forms carbon dioxide and water vapor; incomplete combustion can produce carbon monoxide.

FIRE FIGHTING PROCEDURES: Products of combustion from fires involving this material may be toxic. Avoid breathing smoke and mists. Avoid personnel and equipment contact with fallout and runoff. Minimize the amount of water used for fire fighting. Do not enter any enclosed area without full protective equipment, including self-contained breathing equipment. Keep containers cool with a water spray. Contain and isolate runoff and debris for proper disposal. Decontaminate personal protective equipment and fire fighting equipment before reuse. Read the entire document.

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6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Sweep up spills. Use good housekeeping practices. Avoid contact with clothing, skin, and eyes. Wash hands after handling.

LARGE SPILL: Clean up spills immediately, observing precautions in Exposure Controls/ Personal Protection section. Vacuum with machines equipped with high efficiency filters or sweep up material and place in a disposable container. Dispose of in accordance with instructions in Section 13. "DISPOSAL".

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7. HANDLING AND STORAGE

GENERAL PROCEDURES: Store in original container in a cool, dry place, preferably locked, inaccessible to children and pets. Place in areas inaccessable to children and domestic animals. Do not contaminate feed, food products, food preparation surfaces, dishes, kitchen utensils, or food containers.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: No special ventilation is necessary.

PERSONAL PROTECTION

EYES AND FACE: No special eye protection is usually necessary.

SKIN: No special skin protection is necessary.

RESPIRATORY: No special respiratory protection is normally required.

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

EXPOSURE LIMITS

Chemical Name	OSHA PEL	ACGIH TLV	ACGIH STEL
2-(1-Methylethoxy) Phenyl Methylcarbamate	None	0.5 mg/m3	None

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Brown or yellow paste inside a protective canister

PERCENT VOLATILE: 0

MELTING POINT: 30°F

SOLUBILITY IN WATER: Insoluble

EVAPORATION RATE: 0

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

CONDITIONS TO AVOID: Avoid contact with heat.

HAZARDOUS DECOMPOSITION: Thermal decomposition products may include normal combustion forms of carbon dioxide and water vapor; incomplete combustion can produce carbon monoxide.

INCOMPATIBLE MATERIALS: May react with strong acids or strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.

11. TOXICOLOGICAL INFORMATION

ACUTE

EYES: No product toxicology data available. The hazard evaluation found in section 3, was based on data from similar materials.

DERMAL LD_{50}: No product toxicology data available. The hazard evaluation found in

section 3, was based on data from similar materials.

ORAL LD_{50}: No product toxicology data available. The hazard evaluation found in section 3, was based on data from similar materials.

INHALATION LC_{50}: No product toxicology data available. The hazard evaluation found in section 3, was based on data from similar materials.

GENERAL COMMENTS: This product contains a carbamate insecticide which inhibits the enzyme cholinesterase. Signs and symptoms which may be seen, usually within 1-2 hours following overexposure, may include, but may not be limited to, headache, constriction of the pupil of the eye, blurred vision, excessive salivation or nasal discharge, profuse sweating, abdominal cramps, nausea, vomiting and diarrhea. Convulsions are rarely seen in carbamate poisoning. Note to Physician: In severe poisoning, measurement of blood cholinesterase activity may be used in monitoring exposure, but may not be reliable detectors of carbamate poisoning because enzyme activities may revert to normal within minutes or hours of exposure. If signs of cholinesterase inhibition appear, atropine sulfate is antidotal.

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12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: This material is toxic to birds and other wildlife. This material is toxic to aquatic organisms and should be kept out of sewage and drainage systems and all bodies of water.

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13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Partially filled container may be disposed of by securely wrapping original container in several layers of newspaper and discard in trash. Do not reuse empty container.

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14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated

PRIMARY HAZARD CLASS/DIVISION: None

UN/NA NUMBER: NONE

PACKING GROUP: NO

U.S. SURFACE FREIGHT CLASS: Insecticides, Fungicides, Insect or animal repellents or vermin exterminators, NOI, Other than poison

AIR (ICAO/IATA)

PROPER SHIPPING NAME: Not Regulated

SPECIAL SHIPPING NOTES: The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

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15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

PRODUCT CLASSIFICATION UNDER SECTION 311 OF SARA				
ACUTE: YES	**CHRONIC:** NO	**FIRE:** NO	**REACTIVITY:** NO	**PRESSURE GENERATING:** NO

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16. OTHER INFORMATION

HMIS CODES

FIRE: 0 **HEALTH:** 1 **REACTIVITY:** 0 **PROTECTION:** -

NFPA CODES

FIRE: 0 **HEALTH:** 1 **REACTIVITY:** 0 **SPECIAL:** -

APPROVAL DATE: 11/27/2000

REVISION SUMMARY New MSDS

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