

**MATERIAL SAFETY DATA SHEET**

**DATA SHEET # 343263CB**

**PRODUCT NAME: INTRUDER HPX RESIDUAL WITH CYFLUTHRIN - ALL SIZES**

**EPA REG. # 9444-183**

**SECTION I - GENERAL INFORMATION-----**

MANUFACTURED BY: WATERBURY COMPANIES, INC. 24 HOUR EMERGENCY CONTACT (CHEMTREC):  
 COMMERCIAL PRODUCTS DIVISION (800) 424-9300  
 P.O. BOX 640 PRODUCT & SALES INFORMATION: (203) 597-1812  
 INDEPENDENCE, LA 70443 MSDS INFORMATION: (504) 878-6751  
 DATE REVISED: 08/12/98 DATE PRINTED: 08/14/98 PREPARED BY: J.C.A

HAZARD RATING (NFPA 704):

HEALTH: - 1 - FIRE: - 3 - REACTIVITY: - 1 - SPECIAL: - NONE -

*Note: NFPA 704 hazard ratings are general - not comprehensive, and are subject to interpretation.*

*All MSDS information must be considered when evaluating safe material handling procedures.*

SHIPPING INFORMATION - PER US DEPARTMENT OF TRANSPORTATION (DOT) REGULATIONS:

DOT STATUS: Regulated only when offered for transportation or transported by aircraft.

PROPER SHIPPING NAME (OR DESCRIPTION IF NOT REGULATED BY DOT): When transported by ground or vessel, this product is exempt from shipping paper requirements of US DOT-Use "Insecticides, Agricultural, N.O.S." as the shipping description. When transported by aircraft, proper shipping name is "Consumer Commodity."

HAZARD CLASS: ORM-D ID#: None PACKING GROUP: N/A LABEL REQUIRED: None

NATIONAL MOTOR FREIGHT CLASSIFICATION # AND LTL CLASS: 102120-Class 60

EXPORT SHIPMENTS: Contact manufacturer for International shipping information.

**SECTION II -- HAZARDOUS INGREDIENTS/IDENTITY INFORMATION-----**

*Hazardous components greater than 1.0% (0.1% for carcinogens or suspected carcinogens).*

HAZARDOUS COMPONENTS	CAS #	OSHA PEL	ACGIH TLV	OTHER LIMITS	% BY WT.
+Pyrethrins	8003-34-7	5 mg/m3	5 mg/m3 TWA	5 mg/m3 OSHA TWA	0.050
Piperonyl Butoxide	51-03-6	N.E.	N.E.	N.E.	1.000
+Cyano (4-fluoro-3-phenoxyphenyl) methyl 3-(2,2-dichloroethenyl)-2,2- dimethyl-cyclopropanecarboxylate	68359-37-5	N.E.	N.E.	N.E.	0.100
Carbon dioxide	124-38-9	N.E.	5,000molar ppm	30000 ppm ACGIH STEL	< 5
n-Propanol	71-23-8	200ppm	200ppm TWA	250ppm ACGIG STEL	15-25
Isoparaffinic Hydrocarbon blend	64741-66-8	N.E.	N.E.	400ppm (Exxon)	15-25
Nonhazardous components	N/A	N/A	N/A	N/A	55-65

*+ This item is NOT considered a carcinogen, and is listed only to aid in the identification of all active ingredients in the product. Actual percentages are listed vs. ranges for all active ingredients.*

**SECTION III - SARA TITLE III SECTION 313 SUPPLIER NOTIFICATION-----**

This product contains the following toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372.

CAS # 51-03-6 Piperonyl Butoxide PERCENT BY WEIGHT: 1.00

This information must be included in all MSDS's that are copied and distributed for this material.

**SECTION IV - PHYSICAL/CHEMICAL CHARACTERISTICS-----**

BOILING POINT: N/A SPECIFIC GRAVITY (H2O = 1): 0.80 VAPOR PRESSURE (mm Hg): 5,687  
 MELTING POINT: N/A VAPOR DENSITY (AIR = 1): N/A EVAPORATION RATE (BUTYL ACETATE = 1): N/A  
 SOLUBILITY IN WATER: Insoluble  
 APPEARANCE AND ODOR: Mist with light odor.

**SECTION V - FIRE AND EXPLOSION HAZARD DATA-----**

FLASH POINT (METHOD USED): Extremely flammable per EPA (flame projection test).  
 NFPA 30B AEROSOL CLASSIFICATION: Level 3 Aerosol.  
 FLAMMABLE LIMITS: N/A LEL: N/A UEL: N/A  
 EXTINGUISHING MEDIA: CO2, Dry Chemical, Foam.  
 SPECIAL FIRE FIGHTING PROCEDURES: Self contained air supply suggested. Keep containers cool to avoid bursting.  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Exposure to temperatures above 130 deg. F may cause bursting.

**SECTION VI - REACTIVITY DATA-----**

STABILITY: UNSTABLE: --- STABLE: -YES-  
 CONDITIONS TO AVOID: Open flames and very hot surfaces can cause thermal decomposition.  
 INCOMPATIBILITY (MATERIALS TO AVOID): Strong alkalines and acids.  
 HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon dioxide and carbon monoxide.  
 HAZARDOUS POLYMERIZATION: MAY OCCUR: --- WILL NOT OCCUR: -X-  
 CONDITIONS TO AVOID: None known.

**SECTION VII - HEALTH HAZARDS-----**

ROUTE(S) OF ENTRY: INHALATION? -YES- SKIN? -YES- INGESTION? -YES-  
 HEALTH HAZARDS (ACUTE AND CHRONIC): Health studies have shown many petroleum hydrocarbons pose potential human risks which may vary from person to person.  
 CARCINOGENICITY: NTP? -NO- IARC MONOGRAPHS? -NO- OSHA REGULATED? -NO-

PARTNAME: INTRUDER HPX RESIDUAL WITH CYFLUTHRIN - ALL SIZES

SIGNS AND SYMPTOMS OF EXPOSURE: Dermatitis, skin disorders, nausea, throat irritation, headaches, dizziness, drowsiness, and other nervous system effects.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Skin contact may aggravate an existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES: IF SWALLOWED: Do not induce vomiting. Call a physician or Poison Control Center immediately. IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists. IF INHALED: Remove victim to fresh air. Apply artificial respiration if indicated. IF ON SKIN OR CLOTHING: Remove contaminated clothing and wash before reuse. Wash skin with soap and warm water. Get medical attention if irritation persists.

SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE-----

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: If container is ruptured or begins to leak, place in a well-ventilated area free of sparks and ignition sources. Pesticide that cannot be used according to label instructions must be disposed of according to all applicable Local, State and Federal procedures.

WASTE DISPOSAL METHOD: Do not reuse empty container. This container may be recycled in the few but growing number of communities where (steel) aerosol can recycling is available. Before offering for recycling, empty the can by using the product according to the label. (DO NOT PUNCTURE!) If recycling is not available, wrap the container and discard in the trash. Any remaining or collected liquid from punctured cans should be disposed of in a safe manner at an approved facility in accordance with Local, State, and Federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: This insecticide is designed for use only with injection tube for injecting into cracks and crevices where insects may be hiding, living, and breeding, and limited applications to exposed surfaces. Place injector tip 1/2 inch into cracks, crevices, holes and other small openings where insects may be a problem. Release approximately 1 second spray per spot. In serious infestations, if possible place spots approximately 12 inches apart. In light infestations or preventative treatment, place spots approximately 3 feet apart.

OTHER PRECAUTIONS: Do not contaminate water, food or feed by storage or disposal. Store in a cool dry area away from heat or open flame. It is a violation of federal law to use this product in a manner inconsistent with its labeling. Read label. Do not spray on plastic, painted or varnished surfaces or directly into electronic equipment such as radios, TV's, computers, etc. Extremely toxic to fish. Remove pets and cover fish tanks before spraying.

This product is authorized for use in plants operating under USDA Inspection and Grading Programs as a CATEGORY F2 substance.

SECTION IX - CONTROL MEASURES-----

RESPIRATORY PROTECTION (SPECIFY TYPE): Not required - avoid breathing spray.

VENTILATION:

LOCAL EXHAUST: As required to keep airborne concentrations below acceptable limits.

MECHANICAL (GENERAL): Not required.

SPECIAL: N/A

OTHER: N/A

PROTECTIVE GLOVES: Not required - avoid contact with skin.

EYE PROTECTION: Not required - avoid contact with eyes.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety glasses recommended to avoid possible contact with eyes.

WORK/HYGIENIC PRACTICES: Follow label instructions.

SECTION X - SARA TITLE III SECTION 312 TIER TWO INVENTORY REPORT INFORMATION-----

When Completing SARA Title III Section 312 Tier Two Inventory Reports, the following information should be used. See local regulations for additional and complete reporting requirements for the specific site.

CAS #: N/A - There is no CAS# for this mixture.

This product should be described as: PURE... \_ MIXTURE... X SOLID... \_ LIQUID... X GAS... X

Physical & health hazards: FIRE.. X SUDDEN RELEASE OF PRESSURE.. X REACTIVITY.. \_ IMMEDIATE.. X DELAYED.. \_

SECTION XI - SUMMARY OF CHANGES-----

Revised Hazard Rating notes and Reactivity Rating in Section I.

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*This information is supplied in good faith, but no warranty expressed or implied is made. Waterbury Companies believes that it is accurate to the best of its knowledge & relates only to the specific material designated herein*

N/A = NOT APPLICABLE      N.E. = NOT ESTABLISHED