

**MATERIAL SAFETY DATA SHEET****MSDS Number:** 343244CB**1. PRODUCT AND COMPANY IDENTIFICATION****Product Name:** INVADER HPX-20 RESIDUAL with BAYGON (20% VOC COMPLIANT) - ALL SIZES - EPA REGISTRATION # 9444-204**Manufactured by:** Waterbury Companies, Inc.

P.O. Box 640

Independence, LA 70443

**24-Hour Emergency Contact:**

800-424-9300 (CHEMTREC)

**2. COMPOSITION/INFORMATION ON INGREDIENTS***Hazardous components greater than 1.0% (0.1% if carcinogen or suspected carcinogen)*

Component	CAS#	OSHA PEL	ACGIH TLV	Other Limits	% by wt
Ethane, 1,1-Difluoro-	75-37-6	N.E.	N.E.	1000ppm- 8hrTWA	65-75
Non-hazardous components	N/A	N/A	N/A	N/A	5-15
n-Propanol	71-23-8	200ppm	200ppm TWA	250ppm ACGIG STEL	15-25
Propoxur*	114-26-1	N.E.	0.5 mg/m3	0.5 mg/m3 OSHA TWA	1

\* This item is NOT a carcinogen, but has been listed to aid in the identification of all pesticide active ingredients in the product. Actual percentages for these active ingredients have been listed vs. percent ranges.

**3. HAZARDS IDENTIFICATION**

Warning! Flammable!

Contents under pressure, do not expose to fire or extreme heat.

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.

**Potential Health Effects:****Routes of Entry:** Inhalation: Yes Ingestion: Yes Skin: Yes**Health Hazards:** Inhalation of high concentrations of Ethane, 1-1-Difluoro- vapors is harmful and may cause heart irregularities, unconsciousness, or death. Intentional misuse or deliberate inhalation may cause death without warning. Cholinesterase inhibition.**Signs/symptoms of overexposure:** Dizziness, headaches, drowsiness, incoordination, eye irritation, dermatitis, skin disorders, nausea, throat irritation, abdominal cramps, diarrhea, sweating, pinpoint pupils, blurred vision, salivation, tearing, tightness in chest, convulsions, loss of consciousness, cholinesterase inhibition, and other nervous system disorders. Prolonged skin contact may cause mild to moderate local redness and swelling.

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*Medical conditions aggravated by exposure:*

Skin contact may aggravate an existing dermatitis. Persons with a pre-existing disease of the central nervous system or cardiovascular system may have increased susceptibility to the toxicity of excessive exposures. Any disease, medication or prior exposure which reduces normal cholinesterase activity may increase

**NFPA Hazard Ratings Fire: 4 Health 1 Reactivity: 1**

*NFPA 704 Ratings are subject to interpretation and are only intended for general identification of the level of the specific hazard. All information must be considered for proper safe handling of the material.*

### **4. FIRST AID MEASURES**

IF INHALED: Remove victim to fresh air. Apply artificial respiration if indicated. IF SWALLOWED: Call a physician or Poison Control Center. Induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person. IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water. IF IN EYES: Flush eyes with plenty of water. Call a physician immediately.

### **5. FIRE FIGHTING MEASURES**

*Extinguishing Media:* CO<sub>2</sub>, dry chemical, or foam

*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.

### **6. ACCIDENTAL RELEASE MEASURES**

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.

### **7. HANDLING AND STORAGE**

Read label. This insecticide is for use only with injection tube and for injecting into crack and crevices where insects may be hiding, living and breeding. 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.

*NFPA 30B Aerosol Classification:* Level 1 Aerosol

### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

*Protective Gloves:* Not required - avoid contact with skin.

*Eye Protection:* Not required - avoid contact with eyes.

*Respiratory Protection:* Not required - avoid breathing mist.

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*Ventilation: Local:* As required to keep airborne concentrations below the acceptable levels.

*Mechanical:* Provide adequate ventilation of area being treated.

*Other protective equipment:* Safety glasses with glass lenses recommended.

*Protective Work/Hygiene Practices:* Follow label instructions.

### **9. PHYSICAL AND CHEMICAL PROPERTIES**

*Specific Gravity (H<sub>2</sub>O=1):* 0.8

*Vapor Pressure (mm Hg):* 3,878

*Solubility:* Insoluble

*Appearance/Odor:* Strong spray with characteristic Baygon odor.

*Flashpoint:* Non Flammable per flame projection test.

*LEL:* N/A

*UEL:* N/A

*Boiling Point:* N/A

*Melting Point:* N/A

### **10. STABILITY AND REACTIVITY**

*Conditions to Avoid:* Open flames and very hot surfaces can cause thermal decomposition.

*Incompatible Materials:* Strong oxidizers, and alkaline materials, and powdered earth metals - Al, Zn, Be, etc.

*Hazardous Decomposition By-products* Carbon monoxide, carbon dioxide, hydrofluoric acid, carbonyl fluoride, methyl isocyanate, and methyl amine.

*Hazardous Polymerization Conditions:* None known.

### **11. TOXICOLOGICAL INFORMATION**

This product contains no chemicals that are listed on the NTP, IARC, or OSHA carcinogen lists. Any further information on the toxicology of the material can be obtained by contacting the manufacturer.

### **12. ECOLOGICAL INFORMATION**

Please call the manufacturer for questions concerning the ecological effects of this product and it's constituents.

### **13. DISPOSAL CONSIDERATIONS**

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.

### **14. TRANSPORT INFORMATION**

	<i>Status</i>	<i>Shipping Name</i>	<i>Class</i>	<i>ID #</i>	<i>Pkng Grp</i>
<i>DOT (USA):</i>	Regulated	Consumer Commodity (per 49CFR173.306)	ORM-D	N/A	N/A

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IATA (Air): Regulated Consumer Commodity 9 ID8000 N/A

IMDG (Vessel): Regulated Aerosols 2 UN1950 N/A

National Motor Freight Classification and LTL Class: 102120-Class 60

**15. REGULATORY INFORMATION****SARA Title III Section 31** When completing Tier II reports, the following information should be used

Note: See state and local regulations for specifics on reporting requirements for your facility.

*This product should be described as:* PURE: N MIXTURE Y SOLID: N

LIQUID: Y GAS: Y

*Physical Hazards:* FIRE: Y PRESSURE: Y REACTIVITY: N*Health Hazards:* IMMEDIATE: Y DELAYED: Y**SARA Title III Section 313:**

Toxic chemical components subject to the reporting requirements of EPCRA and 40CFR372:

<i>Chemical</i>	<i>CAS/Category</i>	<i>Percent</i>
Propoxur	114-26-1	1.00

**16. OTHER INFORMATION****Product Sales Information:** 800-845-3495**MSDS Information:** 985-878-6751**Revision Notes:** MSDS revised to comply with ANSI Z400.1-1998 16-Section MSDS format.

N/A = Not Applicable

N.E. = Not Established

MSDS Prepared by K.G.

*This Information is provided in good faith, but no warranty, expressed or implied, is made. The manufacturer believes that it is accurate and to the best of its knowledge, and relates only to the specific material designated herein.*