

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: D-FORCE HPX 13# CYLINDER - EPA REGISTRATION # 9444-217

Manufactured by: Waterbury Companies, Inc.
P.O. Box 640
Independence, LA 70443

24-Hour Emergency Contact:
800-424-9300 or 703-527-3887
(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.
1,1,1,2- Tetrafluoroethane	811-97-2	N.E.	N.E.	AEL (Dupont) 1000ppm	85-100
C8-C9 Isoparaffinic Hydrocarbons	64742-48-9	N.E.	N.E.	400ppm (Exxon)	5-15
Deltamethrin (S)-alpha-cyano-3-phenoxybenzyl-(1R,3R)-3-(2-2-dibromovinyl)-2,2-dimethylcyclopropanecarboxylic acid*	52918-63-5	N.E.	N.E.	STEL 100 ug/m3	0.06

* 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

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

Potential Health Effects:

Routes of Entry: Inhalation: Yes Ingestion: Yes Skin: Yes

Health Hazards: Health studies have shown many petroleum hydrocarbons pose potential human risks which may vary from person to person. Inhalation of high concentrations of 1,1,1, 2-Tetrafluoroethane is harmful and may cause heart irregularities, unconsciousness, or death. Intentional misuse or deliberate inhalation may cause death without warning. Skin and mucous membrane irritations may occur from contact with this product.

Signs/symptoms of overexposure: Dizziness, headaches, drowsiness, incoordination, eye irritation, dermatitis, skin disorders, nausea, throat irritation, loss of consciousness, and other nervous system disorders. Prolonged skin contact may cause mild to moderate local redness and swelling.

Medical conditions aggravated by exposure: Skin contact may aggravate an existing dermatitis. Persons with a pre-existing disease of the central nervous, cardiovascular, or respiratory system may have increased susceptibility to the toxicity of excessive exposures. Persons with history of asthma, emphysema, and other respiratory tract disorders may experience symptoms at low exposures.

NFPA Hazard Ratings **Fire:** 1 **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: 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. **IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice. **IF IN EYES:** Hold eye open and rinse slowly and gently with plenty of water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. **IF SWALLOWED:** Call poison control center immediately for treatment advice. Do not give any liquid to the person. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Extinguishing Media: CO2, 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 prior to use. Contents under pressure. Do not use or store product near heat or open flame. Remove pets and cover fish aquariums before spraying. May be used according to label directions as a general surface, spot, or crack and crevice treatment. 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. Do not spray into electronic equipment, or on plastic, painted or varnished surfaces.

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: Recommended in confined space.

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

Mechanical: Not required.

Other protective equipment: Safety glasses recommended to avoid possible contact with eyes.

Protective Work/Hygiene Practices: Follow label instructions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity (H2O=1): 1.093 *Flashpoint:* Non Flammable per flame projection test. *LEL:* N/A
Vapor Pressure (mm Hg): N.E. *Boiling Point:* N.E. *Melting Point:* N/A *UEL:* N/A
Solubility: Insoluble *Appearance/Odor:* Clear colorless liquid

10. STABILITY AND REACTIVITY

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

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition By-products: Ambient temperatures, unlikely; in a fire, toxic oxides of Nitrogen and Carbon.

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

This container is engineered to be non-refillable. "Empty" cylinders may contain residue. Any remaining or collected liquid as well as the container should be disposed of in a safe manner at an approved facility in accordance with Local, State, and Federal regulations. Avoid exposure to heat, flame, sparks, and other sources of ignition.

14. TRANSPORT INFORMATION

	<i>Status</i>	<i>Shipping Name</i>	<i>Class</i>	<i>ID Number</i>	<i>Packing Grp</i>
<i>DOT (USA):</i>	Regulated	Compressed gas, n.o.s. (contains 1,1,1,2- Tetraflouroethane)	2.2	UN1956	N/A
<i>IATA (Air):</i>	Regulated				
<i>IMDG (Vessel):</i>	Regulated				

National Motor Freight Classification and LTL Class:

15. REGULATORY INFORMATION

SARA Title III Section 312: 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

16. OTHER INFORMATION

Product Sales Information: 800-845-3495

MSDS Information: 985-878-6751

Revision Notes: Added sp.grav. and sol. To Chem & Phys properties

N/A = Not Applicable N.E. = Not Established

MSDS Prepared by D.D.

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.