

# Alliance Code 231

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed or absorbed through the skin. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**FIRST AID: 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 treatment advice. **If In Eyes:** Hold eye open and rinse slowly and gently with 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 a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. 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. **Hot Line Number:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information, call (985)878-6751 Monday through Friday 8:00am to 4:30pm CST. After 4:30pm, call your poison control center. For product information call (203)597-1812, Monday - Friday 8:00am to 5:00pm EST. **Note to Physician:** Contains petroleum distillate - vomiting may cause aspiration pneumonia.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish. Do not apply directly to any body of water. **PHYSICAL OR CHEMICAL HAZARDS:** Flammable. Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not use in the vicinity of open flame or pilot lights.

**DIRECTIONS FOR USE:** It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This product has residual action which keeps on killing for up to 8 weeks after you spray. Remove pets, birds and cover fish aquariums before spraying. Hold container upright. Do not spray up into air. Remove protective cap and direct spray away from face. Hold can 12-15 inches from surface being sprayed. Press button down and spray as directed. Spray surface until slightly wet. **INDOOR: Cockroaches** (including adult and immature stages of both non-resistant and organophosphate and carbamate resistant strains), ants, booklice, boxelder bugs, centipedes, crickets, dermestids, firebrats, fleas, palmetto bugs, silverfish, sowbugs, ticks and waterbugs: Apply thoroughly to all areas where these pests crawl and hide, especially in cracks and crevices, and hidden areas around sinks and storage areas, behind baseboards, around doors and windows, behind and under refrigerators, cabinets, sinks and stoves, the underside of shelves, drawers, bookcases, and similar areas. When pests are driven out, spray directly. Repeat as necessary. **Ants:** Spray freely around ant trails, doors and windows and other places where ants enter the house. **Ticks and Fleas on Surfaces:** Remove pet bedding and destroy or clean thoroughly. Spray pet resting quarters. Adult fleas and larvae contacted by spray will be killed. Put fresh bedding down once spray has dried. Do not spray animals directly. For best results, pets should be treated with an appropriate product before allowing them to return to the treated area. Spray rugs and carpets where infestations are bad. Test first for staining on an inconspicuous piece prior to use. **Bedbugs:** Remove linens and wash before reuse. Apply to mattresses, especially tufts, folds and edges until moist. Apply to the interior of the frame. Allow to dry before remaking bed. Treat baseboards, molding and spot treat floors. **Spiders:** Apply along and behind baseboards, to window and door frames, corners, pipes, storage localities, attics, crawl spaces and other areas over which these pests may crawl. **Centipedes, Ground Beetles, Pillbugs, Sowbugs and Ticks:** Apply around doors and windows and other places where these pests may enter premises. Treat baseboards, storage areas and other locations where these pests are found. **PANTRY PESTS - Grain Beetles (Rusty, Merchant and Saw-toothed), Flour Beetles (Red and Confused), Chocolate Moths, Cigarette Beetles, Clover Mites, Cluster Flies, Drugstore Beetles, Elmleaf Beetles, Rice Weevils, Lesser Grain Borers, Spider Beetles and Tobacco Moths:** Treat exposed stages. Remove all food-stuffs, utensils and shelf paper from area to be treated. Discard used shelf paper and any infested foodstuffs. Apply spray to shelves and in cracks and crevices behind and under cupboards and cabinets. Allow spray to dry prior to replacement of shelf paper, food and utensils. **Carpet Beetles (Black, Furniture and Varied):** Spray on and under edges of floor coverings, under rugs and furniture and in closets or other localities where these insects are found. **Webbing Clothes Moths:** Use this product as a crack and crevice treatment in closets and other storage areas where these pests are found. This is an adjunct treatment and will not control moth larvae already on clothes. Do not apply to clothing. **Food/Feed Handling Establishments:** For control of all labeled pests, applications are permitted in food/feed and non-food/non-feed areas of food/feed handling and processing establishments as a general surface, spot or crack and crevice treatment. This product is authorized for use in Federally Inspected Meat and Poultry Plants as a crack and crevice treatment. Do not use in commercial food/feed handling establishments, restaurants, or other commercial establishments while food is commercially prepared, processed, or served. In the home, all food processing surfaces should be covered during treatment or thoroughly washed before use. Exposed food/feed should be covered or removed. Food/feed handling establishments are defined as places other than private residences in which exposed food/feed is held, processed, prepared or served. Included also are areas for receiving, storing, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups) of food/feed. Serving areas where food/feed is exposed and the facility is in operation are also considered food/feed areas. **Non-Food/Non-Feed Areas:** Examples of non-food/non-feed areas include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets and storage (after packaging, handling or bottling). All areas that insects inhabit or through which insects may enter should be treated. **General Surface Applications:** Do not use this application method in the food/feed handling areas of the facility when the facility is in operation or food/feed is exposed. Do not apply directly to food/feed products. Cover or remove all food/feed processing and/or handling equipment during application. After application in food/feed processing plants, cafeterias and similar facilities, wash all equipment, benches, shelving and other surfaces which food/feed will contact. Clean food/feed handling or processing equipment and thoroughly rinse with clean, fresh water. After application in bakeries, clean all food contact surfaces thoroughly with appropriate equipment. **Spot or Crack & Crevice Applications:** Except in federally inspected meat and poultry plants, spot or crack and crevice applications may be made while the facility is in operation provided exposed food is covered or removed from area being treated prior to application. Do not apply directly to food or food-handling surfaces. In the home, do not allow spray to contact food/feed surfaces. If it does, clean surfaces with soap and water. Do not apply directly to food. **Volumetric Treatment of Food Areas and/or Food Handling Establishments:** Cover or remove any food and food processing equipment during application. Do not apply while food processing is underway. After space spraying food processing plants, thoroughly wash all equipment, benches, shelving, etc. where exposed food will be handled and rinse with potable water. **OUTDOORS:** Point nozzle away from face. Hold can on a slight downward angle, approximately 12-15 inches from surface to be sprayed. For best results, spray when air is calm. Spray with wind if breeze is blowing. **PESTS ON OUTSIDE SURFACES OF BUILDINGS:** For control of building infestation to **ants, clover mites, crickets and sowbugs (pillbugs)** Spray foundation of building where insects are active and may find entrance up to a height of 2 to 3 feet. Apply as a residual spray to outside surfaces of buildings where insects tend to congregate. Spray areas include areas such as screens, window frames, eaves, porches, patios, garages and refuse dumps. **CRAWLING INSECTS: Ants, Cockroaches, (including Asian Cockroaches), Centipedes, Crickets, Mole Crickets and Silverfish.** Spray infested surface of patio or picnic area, hitting as many insects as possible. Also spray legs of tables and chairs to repel ants. **Ants:** Apply to ant trails, around doors and windows and other places where ants maybe found. **Lone Star Ticks, Dog Ticks, Crickets, Fleas and Earwigs:** Apply thoroughly to infestation in bushes, grass or weeds. **Wasps, Mud Daubers, Hornets and Bees:** Spray nests and bees directly. **FLYING INSECTS: Houseflies, Gnats, Mosquitoes and Small Flying Moths:** Use only on outdoor surfaces. Spray outside surfaces of window and door frames and other areas where these pests may enter the home. Also spray localized resting areas, such as under eaves, porches, light fixtures and cords, railings, etc. where these insects may rest. Insects coming to rest on treated surfaces will be killed. **WOOD INFESTING INSECTS: Termites\* (Subterranean, Formosan and Drywood)** - For control of above-ground termites in localized areas, apply to voids and galleries in damaged wood, and in spaces between wooden structural members and between the sill plate and foundation where wood is vulnerable. Applications may be made to inaccessible areas by drilling, and then injecting with the supplied void injector into the damaged wood or wall voids. These application are not a substitute for mechanical alteration, soil treatment or foundation treatment but merely a supplement for controlling active infestations of subterranean termites. Termite carton nests in building voids may be injected using a void injector. It is desirable to physically remove carton nest material from building voids when such nests are found. This type of application is intended to be a supplemental treatment for control of drywood and above-ground subterranean termites and other wood-infesting insects. Application to attics, crawl spaces, unfinished basements, or manmade voids may be sprayed to control exposed worker and winged reproductive forms of termites. For control of swarming or reproductive stages of termites, spray to the swarm or area on which they collect. The purpose of such applications of this product is to kill workers or winged reproductive forms which may be present at the time of treatment. Such applications are not a substitute for mechanical alteration, soil treatment or foundation treatment but are merely a supplement. This product is not recommended as sole protection against termites. For active indoor termite infestations, get a professional inspection. For control of above-ground termites inside trees, utility poles, fencing and decking materials and similar structural members, drill to find the interior infested cavity and spray using void injector. Termite carton nests in trees may be spray injected with product using the supplied void injector. Multiple injection points to varying depths may be necessary. It is desirable to physically remove carton nest material from trees when such nests are found. **Carpenter Ants:** For effective control in houses and other structures, apply as general surface, spot, crack and crevice or wall void application. Apply around doors and windows and other places where ants may enter the premises and where they crawl and hide. Spray into cracks and crevices or through small drilled holes into voids where these ants or their nests are present. **For control of carpenter bees** in structures, spray the liquid directly into gallery entrance holes. Following treatment, the entrance holes may be left open 24 hours to be certain that returning adult bees are killed. When there is no activity, the hole may be sealed with a suitable sealant.

### STORAGE AND DISPOSAL

**Storage:** Do not store near heat or open flame. Store in a cool, dry area away from children. **Container Disposal:** Replace cap, wrap container in several layers of newspaper and discard in trash. Do not incinerate or puncture. Can may be disposed of with other recyclables where local law permits.

**NOTICE:** Buyer assumes all responsibility for safety and use not in accordance with directions.



Manufactured by:  
Waterbury Companies, Inc.  
P.O. Box 1812 Waterbury CT 06722 Made in USA  
(800)845-3495 - www.CBProProducts.com



CB RESIDUALS

RESIDUAL WITH DELTAMETHRIN

D-Force™

15% VOC Formulation

- Protects Up to 8 Weeks
- Killing Action and Residual Control
- Keeps on Killing For Up to 8 Weeks
- For Indoor/Outdoor Use

### Broad Spectrum Insect Control

**KILLS:** Ants, Bees, Bedbugs, Carpet Beetles, Centipedes, Cockroaches, Crickets, Firebrats, Fleas, Flour Beetles, Grain Beetles, Ground Beetles, Gnats, Midges, Mole Crickets, Moths, Pillbugs, Silverfish, Sowbugs, Spiders, Ticks and Many Other Crawling Insects.

**Also Controls and Kills:** Wood Infesting Pests - Termites (Subterranean, Formosan & Drywood), Carpenter Ants and Carpenter Bees.

**FOR USE IN** Food Handling Establishments, Including Food Service, Manufacturing and Processing Establishments, Such as Restaurants, Cafeterias, Supermarkets, Bakeries, Breweries, Dairies, Meat, Poultry & Egg Processing & Packaging Plants, Canneries, Feed Handling Establishments Including Feed Manufacturing and Processing Establishments.

**Also For Use in** Homes, Tents, Aircraft, Apartments, Atriums, Attics, Automobiles, Basements, Bathrooms, Boats, Bottling facilities, Buses, Cabins, Campers, Candy Plants, Carpets, Cat Sleeping Quarters, Clothes Storage, Condominiums, Decks, Dens, Driveways, Garages, Gazebos, Granaries & Grain Mills, Hospitals, Hotels, Industrial Buildings, Kitchens, Laboratories, Lanais, Living Rooms, Mausoleums, Offices, Parlors, Patios, Pet Sleeping Areas, Play Rooms, Porches, Railcars, Recreational Vehicles, Rooms, Schools, Ships & Vessels, Solariums, Storage Areas, Sun Rooms, Trailers, Trucks, Utility Rooms, Verandahs, Warehouses and Wineries.

**ACTIVE INGREDIENT:**  
Deltamethrin.....0.06%

**INERT INGREDIENTS.....99.94%**

**100.00%**

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

See Back Panel for Additional Precautionary Statements.

EPA Reg No. 9444-217 EPA Est. No. 9444-LA-1  
U.S. patents pending.

**NET WEIGHT 14 oz. / 397 g**

# Material Safety Data Sheet

## D-Force Insecticide

SDS #: 7099-A  
Revision Date: 2012-10-10  
Version 2



This MSDS has been prepared to meet U.S. OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Workplace Hazardous Materials Information System (WHMIS) requirements.

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product name</b>	D-Force Insecticide
<b>Active Ingredient(s)</b>	Deltamethrin
<b>Synonyms</b>	(1R,3R)-3(2,2-dibromovinyl)-2,2-dimethylcyclopropane carboxylic
<b>Chemical Family</b>	Pyrethroid Ester Insecticide
<b>Recommended use</b>	Insecticide
<b><u>Manufacturer</u></b>	<b><u>Emergency telephone number</u></b>
FMC Corporation Agricultural Products Group 1735 Market Street Philadelphia, PA 19103 General Information: Phone: (215) 299-6000 E-Mail: msdsinfo@fmc.com	For leak, fire, spill or accident emergencies, call: +1 800 / 424 9300 (CHEMTREC - U.S.A.) +1 703 / 527 3887 (CHEMTREC - Collect - All Other Countries) Medical Emergencies: (800) 331-3148 (U.S.A. & Canada) +1 (651) 632-6793 (All Other Countries - Collect)

### 2. Hazards identification

<b><u>Appearance</u></b>	Clear, colorless Aerosolized liquid
<b><u>Physical state</u></b>	aerosol
<b><u>Odor</u></b>	No information available.
<b><u>Potential health effects</u></b>	
<b><u>Acute effects</u></b>	
<b>Eyes</b>	May cause slight irritation.
<b>Skin</b>	Substance may cause slight skin irritation. May cause sensitization by skin contact.
<b>Inhalation</b>	May cause irritation of respiratory tract. May cause drowsiness and dizziness.
<b>Ingestion</b>	Harmful if swallowed. Potential for aspiration if swallowed. May cause central nervous system depression.
<b><u>Chronic effects</u></b>	Effects are expected to be similar to those that are seen with acute toxicity. Repeated or prolonged exposure may cause central nervous system effects. Chronic exposure to aromatic hydrocarbons may cause liver and kidney damage.

### 3. Composition/information on ingredients

#### **Hazardous ingredients**

Chemical Name	CAS-No	Weight %
Proprietary material	Proprietary	>75
Naphtha (petroleum), light alkylate	64741-66-8	10-20
Carbon Dioxide	124-38-9	1-5
Deltamethrin	52918-63-5	0.6

#### 4. First aid measures

Eye contact	Hold eyes 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 eye. Call a poison control center or doctor for further treatment advice.
Skin contact	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
Inhalation	Move 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.
Ingestion	Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
Notes to physician	Contains petroleum distillate. Vomiting may cause aspiration pneumonia. This product is a pyrethroid. If large amounts have been ingested, the stomach and intestines should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and so should be avoided.

#### 5. Fire-fighting measures

Flash Point	Flame extension: 35". Non-flammable per flame projection test.
Sensitivity to Mechanical Impact	not applicable
Sensitivity to Static Discharge	not applicable

##### NFPA

Health Hazard	0
Flammability	1
Stability	0
Special Hazards	-

#### 6. Accidental release measures

Personal precautions	Isolate and post spill area. Remove all sources of ignition. Ventilate the area. Wear suitable protective clothing, gloves and eye/face protection. For personal protection see section 8. If ventilation is not possible wear full protection suit and chemical protective equipment.
Environmental precautions	Keep people and animals away from and upwind of spill/leak. Keep material out of lakes, streams, ponds, and sewer drains.
Methods for cleaning up	Transfer damaged cartridges or cans to containers for later disposal. Clean and neutralize spill area, tools and equipment by washing with bleach water and soap. Waste must be classified and labeled prior to recycling or disposal. Dispose of waste as indicated in Section 13. Rinsate may be disposed at a waste water treatment plant.
Other	For further clean-up instructions call FMC Emergency Hotline number listed in Section 1 "Product and Company Identification" above.

**7. Handling and storage**

<b>Handling</b>	Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.
<b>Storage</b>	Keep in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep out of reach of children and animals. Store in original container only.

**8. Exposure controls/personal protection**Exposure guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH	Mexico
Carbon Dioxide 124-38-9	STEL 30000 ppm TWA: 5000 ppm	TWA: 5000 ppm TWA: 9000 mg/m <sup>3</sup>	IDLH: 40000 ppm TWA: 5000 ppm TWA: 9000 mg/m <sup>3</sup> STEL: 30000 ppm STEL: 54000 mg/m <sup>3</sup>	
Chemical Name	British Columbia	Quebec	Ontario TWAEV	Alberta
Proprietary material	TWA: 200 mg/m <sup>3</sup> Skin			
Carbon Dioxide 124-38-9	TWA: 5000 ppm STEL: 15000 ppm	TWA: 5000 ppm TWA: 9000 mg/m <sup>3</sup> STEL: 30000 ppm STEL: 54000 mg/m <sup>3</sup>	TWA: 5000 ppm STEL: 30000 ppm	TWA: 5000 ppm TWA: 9000 mg/m <sup>3</sup> STEL: 30000 ppm STEL: 54000 mg/m <sup>3</sup>

Occupational exposure controls

<b>Engineering measures</b>	Apply technical measures to comply with the occupational exposure limits. When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment.
<b>Personal Protective Equipment</b>	
<b>General Information</b>	If the product is used in mixtures, it is recommended that you contact the appropriate protective equipment suppliers. These recommendations apply to the product as supplied.
<b>Respiratory protection</b>	For dust, splash, mist or spray exposures wear a filtering mask.
<b>Eye/face protection</b>	For dust, splash, mist or spray exposure, wear chemical protective goggles or a face-shield
<b>Skin and body protection</b>	Wear suitable protective clothing. Protective shoes or boots.
<b>Hand protection</b>	Protective gloves
<b>Hygiene measures</b>	Clean water should be available for washing in case of eye or skin contamination. Wash skin prior to eating, drinking, chewing gum or using tobacco. Shower or bathe at the end of working. Remove and wash contaminated clothing before re-use. Launder work clothing separately from regular household laundry.

**9. Physical and chemical properties**

<b>Appearance</b>	Clear, colorless Aerosolized liquid
<b>Color</b>	Clear, colorless
<b>Physical state</b>	aerosol
<b>Odor</b>	No information available.
<b>pH</b>	No information available.
<b>Melting Point/Range</b>	No information available.
<b>Freezing point</b>	No information available

<b>Boiling Point/Range</b>	not applicable
<b>Flash Point</b>	Flame extension: 35". Non-flammable per flame projection test.
<b>Evaporation rate</b>	not applicable
<b>Autoignition Temperature</b>	not applicable
<b>Vapor pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Density</b>	6.69 lb/gal
<b>Water solubility</b>	No information available
<b>Percent volatile</b>	No information available
<b>Partition coefficient:</b>	not applicable
<b>Viscosity</b>	No information available
<b>Oxidizing properties</b>	not applicable

## 10. Stability and reactivity

<b>Stability</b>	Stable.
<b>Conditions to avoid</b>	Excessive heat
<b>Hazardous decomposition products</b>	None known .
<b>Hazardous polymerization</b>	Hazardous polymerization does not occur.

## 11. Toxicological information

<b>Eye contact</b>	Non-irritating
<b>Skin contact</b>	Slightly or non-irritating (rabbit)
<b>Ingestion</b>	Potential for aspiration if swallowed. Vomiting after ingestion of this product may cause aspiration of aromatic hydrocarbons into the lungs, which may result in fatal pulmonary edema.
<b>Inhalation</b>	Aerosol expected to be irritating based on components. Inhalation of aromatic hydrocarbon vapors may cause dizziness, disturbances in vision, drowsiness, respiratory irritation, and eye, skin and mucous membrane irritation.
<b>LD50 Dermal</b>	> 2000 mg/kg (rat)
<b>LD50 Oral</b>	500 5000 mg/kg (rat)
<b>LC50 Inhalation:</b>	> 2 mg/L (rat)

<b>Sensitization</b>	Sensitizer
----------------------	------------

### Chronic Toxicity - Other Ingredient(s)

<b>Chronic Toxicity</b>	Effects are expected to be similar to those that are seen with acute toxicity. Repeated or prolonged exposure may cause central nervous system effects. Chronic exposure to aromatic hydrocarbons may cause liver and kidney damage.
<b>Carcinogenicity</b>	Not carcinogenic.
<b>Mutagenicity</b>	Not mutagenic.
<b>Reproductive toxicity</b>	No toxicity to reproduction.
<b>Neurological Effects</b>	Neurobehavioral effects (tremors) were observed in studies with animals.
<b>Developmental Toxicity</b>	Not teratogenic in animal studies.

<b><u>Chronic Toxicity - Other Ingredient(s)</u></b>	Chronic exposure to aromatic hydrocarbons may cause headaches, dizziness, loss of sensations or feelings (such as numbness), and liver and kidney damage.
--	---

Chemical Name	ACGIH	IARC	NTP	OSHA	NIOSH - Target Organs
Carbon Dioxide					respiratory system, CVS

## 12. Ecological information

### Ecotoxicity

Active Ingredient(s)				
Deltamethrin (52918-63-5)				
Active Ingredient(s)	Duration	Species	Value	Units
Deltamethrin	96 h LC50	Fish	0.00017	mg/L
	LC50	Mollusk	0.0082	mg/L
	LD50 Dietary	Mallard duck	8,039	ppm
	LD50 Oral	Bobwhite quail	>2,250	mg/L

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
Proprietary material		LC50 45 mg/L Pimephales promelas 96 h LC50 2.2 mg/L Lepomis macrochirus 96 h LC50 2.4 mg/L Oncorhynchus mykiss 96 h		LC50 4720 mg/L 96 h
Naphtha (petroleum), light alkylate	30000 mg/L EC50 72 h (Pseudokirchneriella subcapitata)			LC50 2 mg/L 48 h

### Environmental Fate

Active Ingredient(s)		
Deltamethrin (52918-63-5)		
Active Ingredient(s)	Type of Test	Result
Deltamethrin	Bioconcentration factor (BCF)	189-3,390
	Stability in water	55-65 hours

## 13. Disposal considerations

### Waste disposal methods

Improper disposal of excess pesticide, spray mixture, or rinsate is prohibited. If these wastes cannot be disposed of by use according to label instructions, contact appropriate disposal authorities for guidance.

### Contaminated packaging

Containers must be disposed of in accordance with local, state and federal regulations. Refer to the product label for container disposal instructions.

## 14. Transport information

### DOT

USDOT is requiring that products formerly classified as "Consumer Commodity, ORM-D" transition to "Limited Quantity" by 1/1/2014. During the transition period the 49CFR carton shipping marks may be Consumer Commodity (old) or Limited Quantity Diamond (new). Please prepare shipping documents to match the carton mark.

**Packaging Type**  
**Proper shipping name**

14 oz. fill  
Consumer Commodity

# D-Force Insecticide

MSDS #: 7099-A  
Revision Date: 2012-10-10  
Version 2

**Hazard Class** ORM-D  
**UN/ID No** UN1950

**TDG** Ship as Limited Quantity. Carton marks include Limited Quantity and Class 9 Diamond.  
**Proper shipping name** Aerosols  
**Hazard Class** 2.2  
**UN/ID No** UN1950

**ICAO/IATA** Carton Marks: Limited quantity air, orientation arrows, Class 9 Diamond, Consumer Commodity, ID8000  
**UN/ID No** ID8000  
**Proper shipping name** Consumer Commodity  
**Hazard Class** 2.2

**IMDG/IMO** Ship as Limited Quantity. Carton marks include Limited Quantity mark and orientation arrows.  
**Proper shipping name** Aerosols  
**Hazard Class** 2.2  
**UN/ID No** UN1950  
**EmS No.** F-D, S-U

## 15. Regulatory information

### U.S. Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### **SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	yes
<b>Chronic Health Hazard</b>	yes
<b>Fire Hazard</b>	no
<b>Sudden Release of Pressure Hazard</b>	no
<b>Reactive Hazard</b>	no

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

#### **TSCA Inventory (United States of America)**

### International Regulations

#### Mexico - Grade

Moderate risk, Grade 2

Chemical Name	Mexico - Pollutant Release and Transfer Register - Reporting Emissions for Fabrication, Process or Use - Threshold Quantities	Pollutant Release and Transfer Register - Reporting Emissions - Threshold Quantities
Carbon Dioxide	100000	100000 kg/yr

#### Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

D2B Toxic materials



## 16. Other information

Revision Date: 2012-10-10  
Reason for revision: Initial Release.

### Disclaimer

FMC Corporation believes that the information and recommendations contained herein (including data and statements) are accurate as of the date hereof. **NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE INFORMATION PROVIDED HEREIN.** The information provided herein relates only to the specified product designated and may not be applicable where such product is used in combination with any other materials or in any process. Use of this product is regulated by the U.S. Environmental Protection Agency (EPA). It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Further, since the conditions and methods of use are beyond the control of FMC Corporation, FMC corporation expressly disclaims any and all liability as to any results obtained or arising from any use of the products or reliance on such information.

### Prepared By

FMC Corporation  
FMC Logo - Trademark of FMC Corporation

© 2012 FMC Corporation. All Rights Reserved.

**End of Material Safety Data Sheet**