

SPECIMEN

PT[®] Alpine[®]

Pressurized Fly Bait

KILLS: House Flies, Filth Flies, Lesser House Flies, Flesh Flies and Small Fruit or Vinegar Flies

FOR USE IN AND AROUND: Commercial, Residential, Industrial Buildings and Other Manmade Structures, Garbage or Refuse Bins and Receptacles, or other areas flies may be a nuisance or health hazard. [Apartments; Bakeries; Campgrounds; Carnivals; Circus; Concert Arenas; Condominiums; Confectionaries; County and State Fair Facilities; Dairy Areas; Farm Houses; Day Care Facilities; Festival Grounds, Food Handling Establishments; Food Processing Plants; Food Storage Areas; Food Vending Structures; Garages; Golf Courses; Grain Mills; Granaries; Homes; Hospitals; Hotels; Housing and Containment Areas (i.e., Arenas, Barns, Cages, Hatcheries, Houses, Hutches, Kennels, Parlors, Pens, Sheds, Shelters, Stables) for Animals (i.e., Avian, Bovine, Canine, Equine, Feline, Hircine, Leporine, Murine, Porcine); Interiorscapes; LEED Buildings (as specified below); Libraries; Marinas; Meat, Poultry & Egg Processing Facilities; Meat Packing Plants; Milk Rooms; Mobile Homes; Motor Homes; Motels; Museums; Nursing Homes; Outdoor Living Areas; Pavilions; Porches; Research Facilities; Resorts; Restaurants; Mobile Food Vendors; Parking Ramps; Poultry Facilities (including: Hatchery, Egg Packaging, Breeding Facilities); Public Picnic Areas; Public Restrooms; Recreational Rest Areas; Residential Backyards; Schools; Supermarkets; Tents or Temporary Shelters; Theme Parks; Terminals; Transportation Equipment (Buses, Barges, Boats, Ships, Trailers, Trains, Trucks); Utilities; Warehouses; Waysides; Wildlife Refuge Areas; Zoos]

ACTIVE INGREDIENT:

Dinotefuran, N-methyl-N'-nitro-N-(tetrahydro-3-furanyl)methylguanidine 1.0%

OTHER INGREDIENTS: 99.0%

TOTAL: 100.0%

EPA Reg. No. 499-568

EPA Est. No.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

NET CONTENTS:

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709


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HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional information on this product (including health concerns, medical emergencies or pesticide incidents), you may also call 1-800-832-HELP (4357), 24 hrs/day, 7/days/week.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic invertebrates. **DO NOT** apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. **DO NOT** apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in water adjacent to treated areas.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. **DO NOT** apply this product or allow it to drift to blooming crops or weeds if bees are foraging in the treatment area.

PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. DO NOT use or store near heat or open flame. **DO NOT** puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

SMART SOLUTIONS FACTS

A ready-to-use solution to kill flies in a broad range of urban environments. Provides attractancy properties which will aid in bringing flies into the treated bait area. Key attributes of this product include:

PT® Alpine® Pressurized Fly Bait	<ul style="list-style-type: none">• Quick Knockdown• Proven attractancy for up to 30 days• Kills flies for up to 30 days on non-porous surfaces.• May be used in conjunction with a fly light program such as Vector Plasma®, Vector Plasma One® and Vector® Classic® for monitoring of results and fly population reduction.• For best management practices, use the bait as part of an overall Integrated Pest Management (IPM) program utilizing residuals and contact sprays, traps and drain cleaners. For questions or comments, call 1-800-777-8570.
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DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

Read Entire Label. Use strictly in accordance with Precautionary Statements and Directions for Use, and with applicable state and federal regulations. Apply bait only in areas that are out of reach of children and pets.

USE RESTRICTIONS

- **DO NOT** apply bait to surfaces which may reach excessive temperatures. Examples include portions of stoves, lighting above food preparation areas, ovens, grills, fume hoods, steam tables, toasters, fryers, dishwashers and hot water pipes.
- **DO NOT** apply directly on food preparation surfaces or dining surfaces where foods for consumption may come in contact.
- **DO NOT** apply bait in areas where animals can ingest product.
- **DO NOT** apply directly upon animals.
- **DO NOT** apply to milking equipment in dairy areas.
- **DO NOT** apply directly into any electronic equipment or areas where electrical short circuit could occur.
- **DO NOT** use in aircraft cabins; use in cargo areas only.

APPLICATION INSTRUCTIONS

AREA TREATMENT: Point can toward target area from a distance no further than 12 in (30 cm) and press down actuator. Make a light application at a rate of 2 ln ft/sec and avoid run off or dripping from targeted area. Area treatments are effective where flies congregate, roost and feed, which may include garbage receptacles and lids, refuse containers, under tables and benches, recycling bins, dumpsters, behind vending machines, under bars, calf hutch ceilings, eave areas, walls and/or areas where flies are likely to congregate or infest. **DO NOT** apply bait in areas that are frequently cleaned. This product will not adhere to surfaces that are dusty or greasy. Reapply when bait placements are no longer visible and/or reinfestation occurs. Use a water-dampened paper towel to remove unwanted bait placements and then discard in trash.

BAND TREATMENT: Spray from a distance no further away from targeted area than 6 in (15 cm) to create a band application at a rate of 2 ln ft/sec. Band applications may be made to areas such as beam edges, receptacle edges, table or bench edges, around windows and window frames, under narrow eaves and other areas where there is a narrow area where flies land, roost and/or are likely to infest. Reapply when bait placements are no longer visible and/or reinfestation occurs. Use water-dampened paper towel to remove unwanted bait placements and then discard in trash.

REMOVABLE BAIT PLACEMENTS: Spray bait on a small object no larger than 24 in² and no smaller than 6 in² unless it is a rope or twine of at least 6 in long. Object may be made of wood, plastic, cardboard, index cards, nylon,

metal or other suitable material. Place in areas of fly activity, and out of reach of children and domestic animals.

FOOD HANDLING ESTABLISHMENTS: Food/Feed handling establishments are places other than private residences in which food is held, processed, prepared or served, including those operating under the Federal meat, poultry, shell egg grading and egg products inspection programs.

Use within food preparation and food production areas of food handling establishments is limited to the interior of refuse receptacles, removable bait placements or in stations. For areas outside of the food preparation and food production rooms, spot and/or band applications may be made to areas where flies congregate and rest.

Food/Feed Areas: Include areas for receiving, serving, storing (dry, cold, frozen, raw), packing (canning, bottling, wrapping, boxing), preparing (cleaning, slicing, cooking, grinding), edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups).

All removable bait placements must be clearly marked with the wording "Fly Bait, Do not touch" (written, typed or stickered on it) and must be secured to the surface with an adhesive material or tape. Placements should be recorded and inspected with each service to that area. **DO NOT place removable bait placements over or on food preparation or food processing areas. The use of rope or twine is not allowed in food areas.**

Non-Food/Feed Areas: Include areas such as garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage areas (after packaging, canning or bottling).

All removable bait placements must be clearly marked with the wording "Fly Bait, Do not touch". Place in areas conducive to fly activity, and out of reach of children and pets.

Rope & Twine: Hang in areas where flies roost and/or congregate. Place a sticker or label clearly marked with the wording "Fly Bait, Do not touch" (written or typed) at the bottom of the rope or twine. Place in areas out of reach of children, pets and livestock.

PREVENTATIVE FLY PROGRAMS: This product may be used as part of a preventative program or in anticipation of a fly problem associated with an event. Event examples include weddings, picnics, birthday parties, family reunions, graduation parties, etc. Apply inside all garbage receptacles, underneath garbage lids, inside recycling bins or receptacles, and other labeled areas that will help prevent flies from being a nuisance.

LEED (Leadership in Energy and Environmental Design) Buildings or GreenPro Programs: Apply inside of sealable containers including mouse stations, fly bait stations or handmade containers with access for the flies. Flies must be active within the building for this application. **DO NOT** use as a preventative control product.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in a cool, dry area away from heat or open flame and inaccessible to children.

PESTICIDE DISPOSAL: Wastes resulting from use of this product may be disposed of on site, in accordance with the label directions, or at an approved waste disposal facility.

CONTAINER HANDLING & DISPOSAL: DO NOT puncture or incinerate! **If empty:** Place in trash or offer for recycling, if available. **If partly filled:** Call your local solid waste agency for disposal instructions.

Contains no CFCs or other ozone depleting substances.
Federal regulations prohibit CFC propellants in aerosols.



CONDITIONS OF SALE AND WARRANTY

Follow the **Directions for Use**. It is impossible to eliminate all risks inherently associated with use of this product, and therefore all such risk shall be assumed by the Buyer. BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use**, subject to the inherent risks, referred to above. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW:**

(A) BASF MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY, (B) BUYER'S EXCLUSIVE REMEDY AND BASF'S AND SELLER'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT, AND (C) BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

BASF and the Seller offer this product, and the Buyer accepts it, subject to these **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

PCS813

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000499-00568.20160803.NVA **2016-04-481-0174**
Based on: NVA 2014-04-481-0042
Supersedes: NVA 2015-04-481-0013

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1. Identification

Product identifier used on the label

PT Alpine Pressurized Fly Bait

Recommended use of the chemical and restriction on use

Recommended use*: crop protection product, insecticide

* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company:

BASF Canada Inc.
100 Milverton Drive
Mississauga, ON L5R 4H1, CANADA

Contact address:

BASF CORPORATION
100 Park Avenue
Florham Park, NJ 07932
USA
Telephone: +1 973 245-6000

Emergency telephone number

24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300

BASF HOTLINE: 1-800-832-HELP (4357)

Other means of identification

Substance number: 640597
EPA Registration number: 499-568
Synonyms: Dinotefuran

2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Classification of the product

Flam. Liq.	1	Flammable liquids
Skin Corr./Irrit.	2	Skin corrosion/irritation
STOT SE	3 (Vapours may cause drowsiness and	Specific target organ toxicity — single exposure

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	dizziness.)	
Aquatic Acute	3	Hazardous to the aquatic environment - acute
Aquatic Chronic	3	Hazardous to the aquatic environment - chronic
Flam. Aerosol	2	Flammable aerosols

Label elements

Pictogram:



Signal Word:
Danger

Hazard Statement:

H224	Extremely flammable liquid and vapour.
H223	Flammable aerosol.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H402	Harmful to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear protective gloves and eye protection or face protection.
P243	Take action to prevent static discharges.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P261	Avoid breathing mist or vapour or spray.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P240	Ground and bond container and receiving equipment.
P242	Use only non-sparking tools.
P264	Wash contaminated body parts thoroughly after handling.

Precautionary Statements (Response):

P312	Call a POISON CENTER or physician if you feel unwell.
P303 + P361 + P353	IF ON SKIN (or hair): Remove or Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P332 + P313	If skin irritation occurs: Get medical attention.
P370 + P378	In case of fire: Use water spray, dry powder, foam or carbon dioxide for extinction.
P362 + P364	Take off contaminated clothing and wash it before reuse.

Precautionary Statements (Storage):

P233	Keep container tightly closed.
P403 + P235	Store in a well-ventilated place. Keep cool.
P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
P405	Store locked up.

Precautionary Statements (Disposal):

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Dispose of contents/container in accordance with local regulations.

3. Composition / Information on Ingredients

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Dinotefuran

CAS Number: 165252-70-0

Content (W/W): 1.0 %

Synonym: Dinotefuran

dimethyl ether

CAS Number: 115-10-6

Content (W/W): 10.0 - 15.0%

Synonym: Dimethyl ether

Acetone

CAS Number: 67-64-1

Content (W/W): 25.0 - 50.0%

Synonym: Acetone

4. First-Aid Measures

Description of first aid measures

General advice:

First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air, seek medical attention.

If on skin:

Wash thoroughly with soap and water

If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

If swallowed:

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11., (Further) symptoms and / or effects are not known so far

Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment:

Treat according to symptoms (decontamination, vital functions), no

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known specific antidote.

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:
water spray, dry powder, foam, carbon dioxide

Special hazards arising from the substance or mixture

Hazards during fire-fighting:
carbon monoxide, carbon dioxide, nitrogen oxides, sodium oxides
The substances/groups of substances mentioned can be released in case of fire. Aerosol container contains flammable gas under pressure.

Advice for fire-fighters

Protective equipment for fire-fighting:
Wear self-contained breathing apparatus and chemical-protective clothing.

Further information:

Keep containers cool by spraying with water if exposed to fire. In case of fire and/or explosion do not breathe fumes. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Do not breathe vapour/spray. Use personal protective clothing. Avoid contact with the skin, eyes and clothing.

Environmental precautions

Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater. Contain contaminated water/firefighting water. A spill of or in excess of the reportable quantity requires notification to state, local and national emergency authorities. This product is regulated by CERCLA ('Superfund').

Methods and material for containment and cleaning up

Dike spillage. Pick up with suitable absorbent material. Spilled substance/product should be recovered and applied according to label rates whenever possible. If application of spilled substance/product is not possible, then spills should be contained, solidified, and placed in suitable containers for disposal. After decontamination, spill area can be washed with water. Collect wash water for approved disposal.

7. Handling and Storage

Precautions for safe handling

Do not apply in the open – cover bait points or use bait boxes. If dead and/or dying rats or mice are found during and after the control program, these must be cleared away immediately in order to avoid secondary poisoning phenomena.

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RECOMMENDATIONS ARE FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS. PESTICIDE APPLICATORS & WORKERS must refer to the Product Label and Directions for Use attached to the product. Provide good ventilation of working area (local exhaust ventilation if necessary). Keep away from sources of ignition - No smoking. Keep container tightly sealed. Protect against heat. Handle and open container with care. Do not open until ready to use. Once container is opened, content should be used as soon as possible. Provide means for controlling leaks and spills. Follow label warnings even after container is emptied. The substance/product may be handled only by appropriately trained personnel. Avoid all direct contact with the substance/product. Avoid contact with the skin, eyes and clothing. Avoid inhalation of dusts/mists/vapours. Wear suitable personal protective clothing and equipment.

Protection against fire and explosion:

Aerosol container contains flammable gas under pressure. The relevant fire protection measures should be noted. Fire extinguishers should be kept handy. Avoid all sources of ignition: heat, sparks, open flame. Avoid extreme heat. Ground all transfer equipment properly to prevent electrostatic discharge. Electrostatic discharge may cause ignition.

Conditions for safe storage, including any incompatibilities

Segregate from foods and animal feeds. Odour-sensitive: Segregate from products releasing odours.

Further information on storage conditions: Keep away from heat. Protect from direct sunlight. Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame.

Protect from temperatures above: 130 °F

Explosive at or above indicated temperature.

8. Exposure Controls/Personal Protection

Users of a pesticidal product should refer to the product label for personal protective equipment requirements.

Components with occupational exposure limits

Acetone	ACGIH, US:	TWA value 250 ppm ;
	ACGIH, US:	STEL value 500 ppm ;
	OSHA Z1:	PEL 1,000 ppm 2,400 mg/m3 ;
	OSHA Z1A:	STEL value 1,000 ppm 2,400 mg/m3 ;
	OSHA Z1A:	TWA value 750 ppm 1,800 mg/m3 ;

Advice on system design:

Whenever possible, engineering controls should be used to minimize the need for personal protective equipment.

Personal protective equipment

RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS:

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator. For situations where the airborne concentrations may exceed the level for which an air purifying respirator is effective, or where the levels are unknown or Immediately Dangerous to Life or Health (IDLH), use NIOSH-certified full facepiece pressure demand self-contained breathing apparatus (SCBA) or a full facepiece pressure demand supplied-air respirator (SAR) with escape provisions.

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Hand protection:

Chemical resistant protective gloves, Protective glove selection must be based on the user's assessment of the workplace hazards.

Eye protection:

Safety glasses with side-shields. Tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists.

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

General safety and hygiene measures:

The statements on personal protective equipment in the instructions for use apply when handling crop-protection agents in final-consumer packing. Wearing of closed work clothing is recommended. Store work clothing separately. Keep away from food, drink and animal feeding stuffs.

9. Physical and Chemical Properties

Form:	aerosol
Odour:	of acetone
Odour threshold:	Not determined due to potential health hazard by inhalation.
Colour:	pale straw yellow
pH value:	approx. 8 - 10 (1 %(m), 25 °C)
Melting temperature:	The product has not been tested.
Boiling point:	-23.7 °C
Flash point:	Information applies to the solvent. -41 °C
Flammability:	Information applies to the solvent. Extremely flammable.
Flammability of Aerosol Products:	17.78 cm no flashback (ASTM D 3065)
NFPA 30B flammability:	Level 1 Aerosol
Lower explosion limit:	3.3 %(V) Information applies to the solvent.
Upper explosion limit:	26.2 %(V) Information applies to the solvent.
Autoignition:	350 °C Information applies to the solvent.
Vapour pressure:	approx. 5100 hPa (20 °C) Information applies to the solvent.
Density:	approx. 1.00 g/cm ³ (20 °C)
Vapour density:	not applicable
Partitioning coefficient n-octanol/water (log Pow):	The statements are based on the properties of the individual components.
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.
Viscosity, dynamic:	approx. 2.34 mPa.s (20 °C)
Solubility in water:	dispersible
Evaporation rate:	not applicable
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.

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10. Stability and Reactivity

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Oxidizing properties:

Based on its structural properties the product is not classified as oxidizing.

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions

No hazardous reactions if stored and handled as prescribed/indicated.

Conditions to avoid

See SDS section 7 - Handling and storage.

Incompatible materials

strong acids, strong bases, strong oxidizing agents

Hazardous decomposition products

Decomposition products:

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

11. Toxicological information

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation.

Oral

Type of value: LD50

Species: rat (female)

Value: > 5,000 mg/kg (OECD Guideline 425)

No mortality was observed.

Inhalation

Type of value: LC50

Species: rat (male/female)

Value: > 5.09 mg/l (OECD Guideline 403)

Exposure time: 4 h

No mortality was observed.

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Dermal

Type of value: LD50
Species: rat (male/female)
Value: > 5,000 mg/kg (OECD Guideline 402)
No mortality was observed.

Assessment other acute effects

Assessment of STOT single:
Possible narcotic effects (drowsiness or dizziness).

The product has not been tested. The statement has been derived from the properties of the individual components.

Irritation / corrosion

Assessment of irritating effects: Not irritating to the eyes. Not irritating to the skin.

Skin

Species: rabbit
Result: non-irritant
Method: OECD Guideline 404

Eye

Species: rabbit
Result: non-irritant
Method: OECD Guideline 405

Sensitization

Assessment of sensitization: There is no evidence of a skin-sensitizing potential.

Buehler test

Species: guinea pig
Result: Skin sensitizing effects were not observed in animal studies.
Method: OECD Guideline 406

Aspiration Hazard

No aspiration hazard expected. The product has not been tested. The statement has been derived from the properties of the individual components.

Chronic Toxicity/Effects

Repeated dose toxicity

Assessment of repeated dose toxicity: The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: Acetone

Assessment of repeated dose toxicity: The substance may cause damage to the testes after repeated ingestion of high doses, as shown in animal studies. The substance may cause damage to the hematological system after repeated ingestion of high doses. The substance may cause damage to the kidney after repeated ingestion of high doses, as shown in animal studies.

Genetic toxicity

Assessment of mutagenicity: The product has not been tested. The statement has been derived from the properties of the individual components. Mutagenicity tests revealed no genotoxic potential.

Carcinogenicity

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Assessment of carcinogenicity: The product has not been tested. The statement has been derived from the properties of the individual components. The results of various animal studies gave no indication of a carcinogenic effect.

Reproductive toxicity

Assessment of reproduction toxicity: The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: Acetone

Assessment of reproduction toxicity: As shown in animal studies, the product may cause damage to the testes after repeated high exposures that cause other toxic effects.

Teratogenicity

Assessment of teratogenicity: The product has not been tested. The statement has been derived from the properties of the individual components. Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals.

Other Information

Misuse can be harmful to health.

Has a degreasing effect on skin.

12. Ecological Information

Toxicity

Aquatic toxicity

Assessment of aquatic toxicity:

Harmful to aquatic life with long lasting effects.

The product has not been tested. The statement has been derived from the properties of the individual components.

Toxicity to fish

Information on: Dinotefuran technical

LC50 (96 h) > 100 mg/l, Oncorhynchus mykiss

LC50 (96 h) > 100 mg/l, Cyprinus carpio

Aquatic invertebrates

Information on: Dinotefuran technical

EC50 (48 h) > 1,000 mg/l, Daphnia magna

EC50 (96 h) 0.79 mg/l, Mysisopsis bahia

Aquatic plants

Information on: Dinotefuran technical

EC50 (72 h) 97.6 mg/l (biomass), Pseudokirchneriella subcapitata

Chronic toxicity to aquatic invertebrates

Information on: Dinotefuran technical

No observed effect concentration 0.089 mg/l, Mysisopsis bahia

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Assessment of terrestrial toxicity
Hazardous to birds and mammals.

Persistence and degradability

Assessment biodegradation and elimination (H2O)
The product has not been tested. The statement has been derived from the properties of the individual components.

Assessment biodegradation and elimination (H2O)

Information on: Dinotefuran technical

Not readily biodegradable (by OECD criteria).

Bioaccumulative potential

Assessment bioaccumulation potential
The product has not been tested. The statement has been derived from the properties of the individual components.

Assessment bioaccumulation potential

Information on: Dinotefuran technical

Because of the n-octanol/water distribution coefficient (log Pow) accumulation in organisms is not to be expected.

Mobility in soil

Assessment transport between environmental compartments
The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: Dinotefuran technical

Following exposure to soil, the product trickles away and can - dependant on degradation - be transported to deeper soil areas with larger water loads.

Additional information

Other ecotoxicological advice:
Must not be discharged into the environment.

13. Disposal considerations

Waste disposal of substance:

Pesticide wastes are regulated. Improper disposal of excess pesticide, spray mix or rinsate is a violation of federal law. If pesticide wastes cannot be disposed of according to label instructions, contact the State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

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Container disposal:

Do not cut, puncture, crush, or incinerate empty aerosol containers. Consult state or local disposal authorities for approved alternative procedures such as container recycling. Empty aerosol cans may meet the definition of RCRA D003. Consult local and/or regional EPA for further guidance.

14. Transport Information

Land transport

USDOT

Hazard class: 2.1
ID number: UN 1950
Hazard label: 2.1
Proper shipping name: AEROSOLS

Sea transport

IMDG

Hazard class: 2.1
ID number: UN 1950
Hazard label: 2.1
Marine pollutant: NO
Proper shipping name: AEROSOLS (contains DIMETHYLETHER, ACETONE/DIMETHYLKETONE)

Air transport

IATA/ICAO

Hazard class: 2.1
ID number: UN 1950
Hazard label: 2.1
Proper shipping name: AEROSOLS, FLAMMABLE

Further information

This product may be classified as limited quantity in selected package sizes.

15. Regulatory Information

Federal Regulations

Registration status:

Crop Protection TSCA, US released / exempt

Chemical TSCA, US blocked / not listed

EPCRA 311/312 (Hazard categories): Refer to SDS section 2 for GHS hazard classes applicable for this product.

CERCLA RQ

5000 LBS
100 LBS

CAS Number

67-64-1
115-10-6

Chemical name

Acetone
dimethyl ether

State regulations

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<u>State RTK</u>	<u>CAS Number</u>	<u>Chemical name</u>
PA	67-64-1	Acetone
	115-10-6	dimethyl ether
MA	67-64-1	Acetone
	115-10-6	dimethyl ether
NJ	67-64-1	Acetone
	115-10-6	dimethyl ether

Labeling requirements under FIFRA

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

CAUTION:

KEEP OUT OF REACH OF CHILDREN.

Aerosol container contains flammable gas under pressure.

16. Other Information

SDS Prepared by:

BASF NA Product Regulations

SDS Prepared on: 2021/04/27

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

END OF DATA SHEET