1. Identification

**Product identifier used on the label**

PT ALPINE PRESSURIZED FLY BAIT

**Recommended use of the chemical and restriction on use**

Recommended use*: 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**

CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP (4357)

**Other means of identification**

Substance number: 640597
EPA Registration number: 499-568

2. Hazards Identification


**Classification of the product**

<table>
<thead>
<tr>
<th>Category</th>
<th>Classification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>STOT SE</td>
<td>3</td>
<td>Specific target organ toxicity — single exposure</td>
</tr>
<tr>
<td></td>
<td>(Vapours may cause drowsiness and dizziness.)</td>
<td></td>
</tr>
<tr>
<td>Aquatic Acute</td>
<td>3</td>
<td>Hazardous to the aquatic environment - acute</td>
</tr>
<tr>
<td>Aquatic Chronic</td>
<td>3</td>
<td>Hazardous to the aquatic environment - chronic</td>
</tr>
<tr>
<td>Flam. Aerosol</td>
<td>2</td>
<td>Flammable aerosols</td>
</tr>
</tbody>
</table>
Safety Data Sheet
PT ALPINE PRESSURIZED FLY BAIT
Revision date: 2016/03/28
Version: 2.0
(30616566/SDS_CPA_US/EN)

Label elements

Pictogram:

Signal Word: Warning

Hazard Statement:
H223 Flammable aerosol.
H229 Pressurized container: May burst if heated.
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.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P260 Do not breathe spray.

Precautionary Statements (Response):
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Precautionary Statements (Storage):
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P410 + P412 Protect from sunlight. Do no expose to temperatures exceeding 50°C/122°F.
P405 Store locked up.

Precautionary Statements (Disposal):
P501 Dispose of contents/container to hazardous or special waste collection point.

Hazards not otherwise classified

Labeling of special preparations (GHS):
The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 9 - 11 % dermal
The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 9 - 11 % oral
The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 9 - 11 % Inhalation - vapour
The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 9 - 11 % Inhalation - mist

3. Composition / Information on Ingredients

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: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11., Further important symptoms and effects are so far not known.

Indication of any immediate medical attention and special treatment needed

Note to physician
Treatment: Treat according to symptoms (decontamination, vital functions), no 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
The substances/groups of substances mentioned can be released in case of fire.

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
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.

Further information on storage conditions: Keep away from heat. Protect from direct sunlight.
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

<table>
<thead>
<tr>
<th>Component</th>
<th>OSHA PEL</th>
<th>PEL value</th>
<th>TWA value</th>
<th>STEL value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td></td>
<td>1,000 ppm</td>
<td>2,400 mg/m³</td>
<td>750 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1,800 mg/m³</td>
<td></td>
<td>2,400 mg/m³</td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV</td>
<td>500 ppm</td>
<td>2,400 mg/m³</td>
<td>250 ppm</td>
</tr>
</tbody>
</table>

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.

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: -41 °C
Information applies to the solvent.
Melting temperature: The product has not been tested.
Boiling point: -23.7 °C
Flash point: -41 °C
Information applies to the solvent.
Flammability: 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)
Upper explosion limit: 26.2 % (V)
Autoignition: 350 °C
Vapour pressure: approx. 5100 hPa
(20 °C)
Information applies to the solvent.
Density: approx. 1.00 g/cm³
(20 °C)
Vapour density: not applicable
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.

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 MSDS 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.

**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

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
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.

Symptoms of Exposure
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: 1 Guanidine, N''-methyl-N-Nitro-N'-[(tetrahydro-3-furanyl)methyl]-
LC50 (96 h) > 100 mg/l, Oncorhynchus mykiss
LC50 (96 h) > 100 mg/l, Cyprinus carpio

Aquatic invertebrates

Information on: 1 Guanidine, N''-methyl-N-Nitro-N'-[(tetrahydro-3-furanyl)methyl]-
EC50 (48 h) > 1,000 mg/l, Daphnia magna
EC50 (96 h) 0.79 mg/l, Mysidopsis bahia

Aquatic plants

Information on: 1 Guanidine, N''-methyl-N-Nitro-N'-[(tetrahydro-3-furanyl)methyl]-
EC50 (72 h) 97.6 mg/l (biomass), Pseudokirchneriella subcapitata

Chronic toxicity to aquatic invertebrates

Information on: 1 Guanidine, N''-methyl-N-Nitro-N'-[(tetrahydro-3-furanyl)methyl]-
No observed effect concentration 0.089 mg/l, Mysidopsis bahia

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: 1 Guanidine, N''-methyl-N-Nitro-N'-[(tetrahydro-3-furanyl)methyl]-
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: 1 Guanidine, N''-methyl-N-nitro-N'[tetrahydro-3-furanyl]methyl]*-

*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: 1 Guanidine, N''-methyl-N-nitro-N'[tetrahydro-3-furanyl]methyl]*-

*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:
Do not discharge product into the environment without control.

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.

**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

<table>
<thead>
<tr>
<th>Hazard class</th>
<th>ID number</th>
<th>Hazard label</th>
<th>Proper shipping name</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1</td>
<td>UN 1950</td>
<td>2.1</td>
<td>AEROSOLS (contains DIMETHYLETHER, ACETONE/DIMETHYLKETONE)</td>
</tr>
</tbody>
</table>

**Sea transport**

IMDG

<table>
<thead>
<tr>
<th>Hazard class</th>
<th>ID number</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1</td>
<td>UN 1950</td>
</tr>
</tbody>
</table>
15. Regulatory Information

Federal Regulations

Registration status:
- Chemical TSCA, US blocked / not listed
- Crop Protection TSCA, US released / exempt

EPCRA 311/312 (Hazard categories): Acute; Chronic; Fire; Sudden release of pressure

<table>
<thead>
<tr>
<th>CERCLA RQ</th>
<th>CAS Number</th>
<th>Chemical name</th>
</tr>
</thead>
<tbody>
<tr>
<td>5000 LBS</td>
<td>67-64-1</td>
<td>Acetone</td>
</tr>
<tr>
<td>100 LBS</td>
<td>115-10-6</td>
<td>dimethyl ether</td>
</tr>
</tbody>
</table>

State regulations

<table>
<thead>
<tr>
<th>State RTK</th>
<th>CAS Number</th>
<th>Chemical name</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA</td>
<td>67-64-1</td>
<td>Acetone</td>
</tr>
<tr>
<td></td>
<td>115-10-6</td>
<td>dimethyl ether</td>
</tr>
<tr>
<td>MA</td>
<td>67-64-1</td>
<td>Acetone</td>
</tr>
<tr>
<td></td>
<td>115-10-6</td>
<td>dimethyl ether</td>
</tr>
<tr>
<td>NJ</td>
<td>67-64-1</td>
<td>Acetone</td>
</tr>
<tr>
<td></td>
<td>115-10-6</td>
<td>dimethyl ether</td>
</tr>
</tbody>
</table>

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: 2016/03/28

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