

# Safety Data Sheet

## ALPINE COCKROACH GEL BAIT ROTATION 1 PISTON CAN

Revision date : 2016/05/04

Page: 1/12

Version: 5.0

(30628501/SDS\_CPA\_US/EN)

### 1. Identification

#### Product identifier used on the label

## ALPINE COCKROACH GEL BAIT ROTATION 1 PISTON CAN

#### 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 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)

##### Registrant:

Whitmire Micro-Gen Research Laboratories, Inc.  
3568 Tree Court Industrial Blvd.  
St. Louis, MO 63122

#### Other means of identification

Substance number: 472031

Synonyms: Dinotefuran

---

### 2. Hazards Identification

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

#### Classification of the product

# Safety Data Sheet

## ALPINE COCKROACH GEL BAIT ROTATION 1 PISTON CAN

Revision date : 2016/05/04

Version: 5.0

Page: 2/12

(30628501/SDS\_CPA\_US/EN)

No need for classification according to GHS criteria for this product.

### Label elements

The product does not require a hazard warning label in accordance with GHS criteria.

### 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: 30 % dermal

The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 30 % oral

The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 33 % Inhalation - vapour

The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 33 % Inhalation - mist

#### According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

### Emergency overview

CAUTION:

HARMFUL IF ABSORBED THROUGH SKIN.

HARMFUL IF SWALLOWED.

Avoid contact with the skin, eyes and clothing.

Wash thoroughly after handling.

Aerosol container contains flammable gas under pressure.

## 3. Composition / Information on Ingredients

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

<u>CAS Number</u>	<u>Weight %</u>	<u>Chemical name</u>
165252-70-0	0.5 %	1 Guanidine, N"-methyl-N-nitro-N'-[(tetrahydro-3-furanyl)methyl]-nitrogen
7727-37-9	<= 1.0%	Silica
112945-52-5	1.0 - 5.0%	1,2,3-Propanetriol
56-81-5	30.0 - 50.0%	

#### According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

<u>CAS Number</u>	<u>Weight %</u>	<u>Chemical name</u>
165252-70-0	0.5 %	1 Guanidine, N"-methyl-N-nitro-N'-[(tetrahydro-3-furanyl)methyl]-nitrogen
7727-37-9	99.5 %	Proprietary ingredients
	<= 1.0%	

## 4. First-Aid Measures

### Description of first aid measures

# Safety Data Sheet

## ALPINE COCKROACH GEL BAIT ROTATION 1 PISTON CAN

Revision date : 2016/05/04

Page: 3/12

Version: 5.0

(30628501/SDS\_CPA\_US/EN)

### General advice:

First aid providers should wear personal protective equipment to prevent exposure. Remove contaminated clothing. Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or physician for treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

### If inhaled:

Keep patient calm, remove to fresh air.

### If on skin:

Rinse skin immediately with plenty of water for 15 - 20 minutes.

### If in eyes:

Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing.

### If swallowed:

Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Do not induce vomiting. Have person sip a glass of water if able to swallow.

### Most important symptoms and effects, both acute and delayed

Symptoms: No significant reaction of the human body to the product known.

### Indication of any immediate medical attention and special treatment needed

#### Note to physician

Treatment: Symptomatic treatment (decontamination, vital functions).

---

## 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. Aerosol container contains flammable gas under pressure. Risk of explosion at excessive temperatures.

### Advice for fire-fighters

Protective equipment for fire-fighting:  
Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

### Further information:

Evacuate area of all unnecessary personnel. Contain contaminated water/firefighting water. Do not allow to enter drains or waterways.

# Safety Data Sheet

## ALPINE COCKROACH GEL BAIT ROTATION 1 PISTON CAN

Revision date : 2016/05/04

Version: 5.0

Page: 4/12

(30628501/SDS\_CPA\_US/EN)

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

Take appropriate protective measures. Clear area. Extinguish sources of ignition nearby and downwind. Ensure adequate ventilation. Wear suitable personal protective clothing and equipment.

#### Environmental precautions

Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater.

#### Methods and material for containment and cleaning up

Pick up with suitable absorbent material. Place into suitable containers for reuse or disposal in a licensed facility. 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

No special measures necessary if stored and handled correctly. Ensure thorough ventilation of stores and work areas. When using do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift.

Protection against fire and explosion:

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. Keep away from oxidizable substances.

#### Conditions for safe storage, including any incompatibilities

Segregate from foods and animal feeds.

Further information on storage conditions: Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect containers from physical damage. Protect against contamination. The authority permits and storage regulations must be observed. Protect from temperatures above: 50 °C

The packed product must be protected against exceeding the 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

glycerol	OSHA PEL	PEL 15 mg/m3 Total dust ; PEL 5 mg/m3 Respirable fraction ; TWA value 10 mg/m3 Total dust ; TWA value 5 mg/m3 Respirable fraction ;
----------	----------	---

nitrogen

# Safety Data Sheet

## ALPINE COCKROACH GEL BAIT ROTATION 1 PISTON CAN

Revision date : 2016/05/04

Page: 5/12

Version: 5.0

(30628501/SDS\_CPA\_US/EN)

ACGIH TLV

; Included in the regulation, but with no data values  
- See the regulation for further details

Silica

OSHA PEL

TWA value 20 millions of particles per cubic foot of air ; TWA value 0.8 mg/m<sup>3</sup> ;  
The exposure limit is calculated from the equation, 80/(%SiO<sub>2</sub>), using a value of 100% SiO<sub>2</sub>. Lower percentages of SiO<sub>2</sub> will yield higher exposure limits.

### 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:

Wear long sleeved work shirt and long work pants in addition to other stated personal protective equipment. Work place should be equipped with a shower and an eye wash. Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Store work clothing separately.

---

## 9. Physical and Chemical Properties

Form: gel, highly viscous

Odour: mild

Odour threshold: Not determined due to potential health hazard by inhalation.

Colour: tan to brown

# Safety Data Sheet

## ALPINE COCKROACH GEL BAIT ROTATION 1 PISTON CAN

Revision date : 2016/05/04

Page: 6/12

Version: 5.0

(30628501/SDS\_CPA\_US/EN)

pH value:	approx. 6 - 8 (approx. 22.4 °C)
Melting point:	approx. 18 °C The statements are based on the properties of the individual components.
Flash point:	Non-flammable. Information applies to the solvent.
Flammability:	not applicable
NFPA 30B flammability:	Level 1 Aerosol
Lower explosion limit:	As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.
Upper explosion limit:	As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.
Autoignition:	approx. 400 °C Information applies to the solvent.
Density:	approx. 1.20 g/cm <sup>3</sup> ( 20 °C)
Vapour density:	not applicable
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.
Viscosity, dynamic:	approx. 124,500 mPa.s ( 23 °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.

Corrosion to metals:

Corrosive effects to metal are not anticipated.

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

Avoid all sources of ignition: heat, sparks, open flame. Avoid extreme temperatures. Avoid prolonged exposure to extreme heat. Avoid prolonged storage.

See MSDS section 7 - Handling and storage.

# Safety Data Sheet

## ALPINE COCKROACH GEL BAIT ROTATION 1 PISTON CAN

Revision date : 2016/05/04

Version: 5.0

Page: 7/12

(30628501/SDS\_CPA\_US/EN)

### 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: Relatively nontoxic after single ingestion. Slightly toxic after short-term skin contact. Relatively nontoxic after short-term inhalation.

#### Oral

Type of value: LD50

Species: rat (male/female)

Value: > 5,000 mg/kg

No mortality was observed.

#### Inhalation

Type of value: LC50

Species: rat (male/female)

Value: > 2.07 mg/l

Exposure time: 4 h

No mortality was observed.

#### Dermal

Type of value: LD50

Species: rat (male/female)

Value: > 5,000 mg/kg

No mortality was observed.

#### Irritation / corrosion

Assessment of irritating effects: May cause moderate but temporary irritation to the eyes. May cause slight irritation to the skin.

#### Skin

Species: rabbit

Result: Slightly irritating.

#### Eye

Species: rabbit

Result: Minimally irritating.

# Safety Data Sheet

## ALPINE COCKROACH GEL BAIT ROTATION 1 PISTON CAN

Revision date : 2016/05/04

Version: 5.0

Page: 8/12

(30628501/SDS\_CPA\_US/EN)

### 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.

### **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. No substance-specific organotoxicity was observed after repeated administration to animals.

#### 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. The results of animal studies gave no indication of a fertility impairing effect.

#### 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.

### **Symptoms of Exposure**

No significant reaction of the human body to the product known.

---

## 12. Ecological Information

### **Toxicity**

#### Aquatic toxicity

Assessment of aquatic toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components. Acutely harmful for aquatic organisms. May cause long-term adverse effects in the aquatic environment.

#### 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*



# Safety Data Sheet

## ALPINE COCKROACH GEL BAIT ROTATION 1 PISTON CAN

Revision date : 2016/05/04

Version: 5.0

Page: 9/12

(30628501/SDS\_CPA\_US/EN)

### 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*

## 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.

## 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:

# Safety Data Sheet

## ALPINE COCKROACH GEL BAIT ROTATION 1 PISTON CAN

Revision date : 2016/05/04

Version: 5.0

Page: 10/12

(30628501/SDS\_CPA\_US/EN)

Pesticide wastes are regulated. 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.

Must be sent to a suitable incineration plant, observing local regulations.

### 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.

Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

---

## 14. Transport Information

### Land transport

USDOT

Hazard class:	2.2
ID number:	UN 1950
Hazard label:	2.2
Proper shipping name:	AEROSOLS

### Sea transport

IMDG

Hazard class:	2.2
ID number:	UN 1950
Hazard label:	2.2
Marine pollutant:	NO
Proper shipping name:	AEROSOLS

### Air transport

IATA/ICAO

Hazard class:	2.2
ID number:	UN 1950
Hazard label:	2.2
Proper shipping name:	AEROSOLS, NON-FLAMMABLE

### Further information

DOT: This product may be classified as ORM-D (Consumer Commodity) or Limited Quantity. After 12/31/2020, ORM-D will not apply.

---

## 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

# Safety Data Sheet

## ALPINE COCKROACH GEL BAIT ROTATION 1 PISTON CAN

Revision date : 2016/05/04

Version: 5.0

Page: 11/12

(30628501/SDS\_CPA\_US/EN)

### State regulations

<u>State RTK</u>	<u>CAS Number</u>	<u>Chemical name</u>
PA	7727-37-9	nitrogen
	56-81-5	glycerol
	112945-52-5	Silica
MA	7727-37-9	nitrogen
	56-81-5	glycerol
	112945-52-5	Silica
NJ	7727-37-9	nitrogen
	56-81-5	glycerol

### **NFPA Hazard codes:**

Health : 0      Fire: 1      Reactivity: 1      Special:

### **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:**

HARMFUL IF ABSORBED THROUGH SKIN.

HARMFUL IF SWALLOWED.

Avoid contact with the skin, eyes and clothing.

Wash thoroughly after handling.

Aerosol container contains flammable gas under pressure.

---

## **16. Other Information**

### **SDS Prepared by:**

BASF NA Product Regulations

SDS Prepared on: 2016/05/04

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.

---

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE

# Safety Data Sheet

## ALPINE COCKROACH GEL BAIT ROTATION 1 PISTON CAN

Revision date : 2016/05/04

Page: 12/12

Version: 5.0

(30628501/SDS\_CPA\_US/EN)

SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY OUR COMPANY HEREUNDER ARE GIVEN GRATIS AND WE ASSUME NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.  
END OF DATA SHEET