

# SAFETY DATA SHEET

An Employee-Owned Company

Issue Date 22-Oct-2014 Revision Date 07-Dec-2015 Version 2

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product identifier** 

Product Name Gordon's® Ant Granules

Other means of identification

Product Code PBI FP 604-2 EPA Pesticide Registration Number 53883-39-2217

Recommended use of the chemical and restrictions on use

Recommended Use Insecticide.

**Uses advised against** No information available.

Details of the supplier of the safety data sheet

SupplierManufacturerCompany NamePBI Gordon CorporationPBI Gordon CorporationPBI Gordon Corporation1217 West 12th Street1217 West 12th Street1217 West 12th StreetKansas City, MO 64101Kansas City, MO 64101Kansas City, MO 64101

Emergency telephone number

Emergency Telephone Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

#### Classification

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Dermal	Category 4
Skin sensitization	Category 1

### Label elements

### **Emergency Overview**

### Warning

#### Hazard statements

Harmful in contact with skin. May cause an allergic skin reaction.



Appearance Granules Physical state Solid Odor Odorless

### **Precautionary Statements - Prevention**

- Wear protective gloves/protective clothing/eye protection/face protection
- Avoid breathing dust/fume/gas/mist/vapors/spray
- · Contaminated work clothing should not be allowed out of the workplace

### **Precautionary Statements - Response**

- IF ON SKIN: Wash with plenty of soap and water
- Call a POISON CENTER or doctor/physician if you feel unwell
- · Wash contaminated clothing before reuse
- If skin irritation or rash occurs: Get medical advice/attention

### **Precautionary Statements - Disposal**

• Dispose of contents/container to an approved waste disposal plant

### Hazards not otherwise classified (HNOC)

Have the product label with you when calling a poison control center or doctor or going in for treatment. You may also contact 1-877-800-5556 for emergency medical treatment advice.

#### Other Information

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
Permethrin	52645-53-1	0.25

<sup>\*</sup> The exact percentage (concentration) of composition has been withheld as a trade secret

## 4. FIRST AID MEASURES

#### First aid measures

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control

center or doctor for treatment advice.

**Skin Contact**Take off contaminated clothing. Wash off immediately with plenty of water for at least 15

minutes. Call a poison control center or doctor for treatment advice.

**Inhalation** Remove to fresh air. If not breathing, give artificial respiration. Call a poison control center

or doctor for treatment advice.

**Ingestion** Clean mouth with water and drink afterwards plenty of water. Call a poison control center

or doctor for treatment advice.

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

**Symptoms** No information available.

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

### 5. FIRE-FIGHTING MEASURES

### Suitable extinguishing media

Foam. Carbon dioxide (CO2). Dry chemical. Water spray (fog).

## Specific hazards arising from the chemical

No information available.

#### **Explosion data**

Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

#### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

**Personal precautions**Use personal protective equipment as required.

**Environmental precautions** 

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Do not allow into any sewer, on the

ground or into any body of water. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained. See Section 12 for additional

ecological information.

Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up**Clean contaminated surface thoroughly. Use personal protective equipment as required.

Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Take up mechanically, placing in appropriate containers for disposal. Avoid creating dust.

### 7. HANDLING AND STORAGE

Precautions for safe handling

confined areas.

Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place. Store at room temperature.

Keep away from food, drink and animal feeding stuffs.

Incompatible materials None known.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational

exposure limits established by the region specific regulatory bodies

Appropriate engineering controls

**Engineering Controls** Local and General Ventilation.

Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin and body protection** Wear protective gloves and protective clothing.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be

provided in accordance with current local regulations.

**General Hygiene Considerations** When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

Odorless

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Physical state Solid Appearance Granules

**Color** Brown **Odor threshold** No information available

No information available

Odor

Remarks • Method

Property Values
pH Not Applicable

Melting point/freezing point
Boiling point / boiling range
Flash point
Evaporation rate

No information available
No information available
No information available

Flammability (solid, gas) Flammability Limit in Air

Upper flammability limit:
Lower flammability limit:
Vapor pressure
Vapor density
No information available

Water solubility Partially soluble

Solubility in other solventsNo information availablePartition coefficientNo information availableAutoignition temperatureNo information availableDecomposition temperatureNo information availableOxidizing propertiesNo information available

**Other Information** 

**Density** 35 - 40 pounds/cubic foot

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available

### **Chemical stability**

Stable.

### **Possibility of Hazardous Reactions**

None under normal processing.

### Hazardous polymerization

Will not occur.

#### Conditions to avoid

None known.

### Incompatible materials

None known.

### **Hazardous Decomposition Products**

None known.

## 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

**Product Information** 

Revision Date 07-Dec-2015

#### PBI FP 604-2 Gordon's® Ant Granules

**Inhalation** May cause irritation of respiratory tract.

**Eye contact** May cause slight irritation.

**Skin Contact** Substance may cause slight skin irritation.

**Ingestion** May cause irritation.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Permethrin	= 383 mg/kg (Rat) = 220 mg/kg (	> 5000 mg/kg (Rat) > 2 g/kg (	> 0.69 mg/L (Rat) 4 h
52645-53-1	Rat )	Rabbit ) = 1750 mg/kg ( Rat )	• , ,

#### Information on toxicological effects

**Symptoms** No information available.

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Sensitization Germ cell mutagenicity**No information available.
No information available.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Permethrin		Group 3		
52645-53-1				

IARC (International Agency for Research on Cancer)

Not classifiable as a human carcinogen

Reproductive toxicity
STOT - single exposure
STOT - repeated exposure
Aspiration hazard
No information available.
No information available.
No information available.

## Numerical measures of toxicity - Product Information

Unknown Acute Toxicity 100% of the mixture consists of ingredient(s) of unknown toxicity

 Oral LD50
 > 5000 mg/kg (rat)

 Dermal LD50
 > 2000 mg/kg (rat)

## 12. ECOLOGICAL INFORMATION

#### **Ecotoxicity**

Very toxic to aquatic life with long lasting effects

100% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Toxicity to	Crustacea
			microorganisms	

Democraticale	0.004 0.000 001	
Permethrin	0.001 - 0.009: 96 h	
52645-53-1	Pimephales promelas mg/L	
	LC50 static 0.0017 - 0.0048:	
	96 h Oncorhynchus mykiss	
	mg/L LC50 static 0.00049 -	
	0.00097: 96 h Oncorhynchus	
	mykiss mg/L LC50	
	flow-through 0.015: 96 h	
	Cyprinus carpio mg/L LC50	
	flow-through 0.00188 -	
	0.00336: 96 h Lepomis	
	macrochirus mg/L LC50	
	static 0.0052 - 0.0077: 96 h	
	Cyprinus carpio mg/L LC50	
	0.008 - 0.03: 96 h	
	Pimephales promelas mg/L	
	LC50 flow-through 0.0108:	
	96 h Lepomis macrochirus	
	mg/L LC50 0.00079: 96 h	
	Lepomis macrochirus mg/L	
	LC50 flow-through	

### Persistence and degradability

No information available.

#### **Bioaccumulation**

No information available.

#### Other adverse effects

Moderately toxic to birds and other wildlife.

## 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and

regulations.

**Contaminated packaging** Do not reuse container, unless specified by the manufacturer.

## 14. TRANSPORT INFORMATION

DOT

**Description** The following guidelines apply for domestic ground transport. If shipping by air or ocean,

please contact our Transportation Dept.

PESTICIDES, NOI, INCLUDING DEFOLIANTS, FUNGICIDES, HERBICIDES, OR

INSECTICIDES NMFC 155050-6

In our current available sizes, this product does not qualify as a Hazardous Material.

## 15. REGULATORY INFORMATION

## **U.S. EPA Label Information**

EPA Pesticide Registration Number 53883-39-2217

## Federal Insecticide, Fungicide, Rodenticide Act Regulations

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 for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

#### **EPA Pesticide Label**

Caution. Keep out of the reach of children. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid inhalation of dust. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Avoid contamination of food and feed

### **International Inventories**

Not Listed **TSCA DSL/NDSL** Not Listed **EINECS/ELINCS** Not Listed **ENCS** Not Listed **IECSC** Not Listed **KECL** Not Listed **PICCS** Not Listed Not Listed **AICS** 

#### Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Permethrin				X		X	X	Х	Х	X

## **US 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

Chemical Name	SARA 313 - Threshold Values %
Permethrin - 52645-53-1	1.0

### SARA 311/312 Hazard Categories

Acute health hazardYesChronic Health HazardNoFire hazardNoSudden release of pressure hazardNoReactive HazardNo

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### **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

## **US State Regulations**

### **U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Permethrin	X	X	
52645-53-1			

## International Regulations

Mexico - Grade Slight risk, Grade 1

## **16. OTHER INFORMATION**

NFPA Health hazards 1 Flammability 0 Instability 0 Physical and Chemical

Properties -

HMIS Health hazards 1 Flammability 0 Physical hazards 0 Personal protection X

### **Disclaimer**

The information provided in this Material Safety Data Sheet is correct to the best of PBI Gordon Corporation's knowledge, information and belief at the date of this publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process, unless specified in the text. PBI GORDON CORPORATION MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. Given the variety of factors that can affect the use and application of this product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the product to determine whether it is fit for a particular purpose and suitable for user's method of use or application. Each user is also responsible for evaluating the conditions of use and designing the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. PBI Gordon Corporation assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.

**End of Safety Data Sheet**