

# SAFETY DATA SHEET



## American Brand Permethrin Granules

In the event of a medical or chemical emergency contact  
ChemTel, Inc. North American 1-800-255-3924 or worldwide  
Intl. + 01-813-248-0585

Voluntary Purchasing Groups, Inc.  
230 FM 87  
Bonham, Texas 75418

Effective Date: 05/29/2015

### 1. PRODUCT AND COMPANY IDENTIFICATION:

**PRODUCT NAME:** American Brand Permethrin Granules  
**EPA Reg. No.:** 7401-503

#### COMPANY IDENTIFICATION:

Voluntary Purchasing Groups, Inc.  
230 FM 87  
Bonham, TX. 75418

### 2. HAZARDS IDENTIFICATION:

#### 2.1. Classification of the substance or mixture

##### Classification (GHS-US)

Not classified

#### 2.2. Label elements

##### GHS-US labeling

No labeling applicable

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS-US)

No data available

### 3. COMPOSITION, INFORMATION OF INGREDIENTS:

#### Mixture

| Name       | Product identifier  | %    | Classification (GHS-US)                                             |
|------------|---------------------|------|---------------------------------------------------------------------|
| permethrin | (CAS No) 52645-53-1 | 0.25 | Skin Corrosion/Irritation<br>Category 2. Causes Skin<br>Irritation. |

### 4. FIRST AID MEASURES:

#### 4.1. Description of first aid measures

First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation: Assure fresh air breathing. Allow the victim to rest.

First-aid measures after skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

First-aid measures after eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.

First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/injuries: Not expected to present a significant hazard under anticipated conditions of normal use.

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

No additional information available

## 5. FIRE FIGHTING MEASURES:

### 5.1. Extinguishing media

Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

### 5.2. Special hazards arising from the substance or mixture

No additional information available

### 5.3. Advice for firefighters

Firefighting instructions: No specific fire-fighting instructions required.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

## 6. ACCIDENTAL RELEASE MEASURES:

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

#### 6.1.1. For non-emergency personnel

Emergency procedures: Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

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

Methods for cleaning up: On land, sweep or shovel into suitable containers. Carefully collect the spill/leftovers.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## 7. HANDLING AND STORAGE:

### 7.1. Precautions for safe handling

Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

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

Keep only in the original container in a cool, well ventilated place away from: children. Keep container closed when not in use.

Incompatible products: Strong bases. Strong acids.

### 7.3. Specific end use(s)

No additional information available

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

Personal protective equipment: Avoid all unnecessary exposure.

Hand protection: Wear protective gloves.

Eye protection: Chemical goggles or safety glasses.

Respiratory protection: Wear approved mask.

Other information: When using, do not eat, drink or smoke.

### 9. PHYSICAL AND CHEMICAL PROPERTIES:

#### 9.1. Information on basic physical and chemical properties

|                                              |                                |                   |
|----------------------------------------------|--------------------------------|-------------------|
| Physical state:                              | Solid                          |                   |
| Color:                                       | white or tan/brown/light grey. |                   |
| Odor:                                        | Slight Insecticide type odor.  |                   |
| Odor threshold:                              | No data available              |                   |
| pH:                                          | 5.5 - 7                        |                   |
| Relative evaporation rate (butyl acetate=1): | No data available              | No data available |
| Melting point:                               | No data available              |                   |
| Freezing point:                              | No data available              |                   |
| Boiling point:                               | No data available              |                   |
| Flash point:                                 | No data available              |                   |
| Self-ignition temperature:                   | No data available              |                   |
| Decomposition temperature:                   | No data available              | No data available |
| Flammability (solid, gas):                   | No data available              |                   |
| Vapor pressure:                              | No data available              |                   |
| Relative vapor density at 20 °C:             | No data available              | No data available |
| Relative density:                            | No data available              |                   |
| Density:                                     | 560 g/l                        |                   |
| Solubility:                                  | No data available              |                   |

#### 9.2. Other information

No additional information available

### 10. STABILITY & REACTIVITY DATA:

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Not established.

#### 10.4. Conditions to avoid

Extremely high or low temperatures.

#### 10.5. Incompatible materials

strong acids. Strong bases.

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### 10.6. Hazardous decomposition products

No additional information available

## 11. TOXICOLOGICAL INFORMATION:

### 11.1. Information on toxicological effects

Acute toxicity: Not classified

|                         |              |
|-------------------------|--------------|
| permethrin (52645-53-1) |              |
| LD50 oral rat           | > 383 mg/kg  |
| LD50 dermal rat         | 4000 mg/kg   |
| LD50 dermal rabbit      | > 2000 mg/kg |

Skin corrosion/irritation : Not classified pH: 5.5 - 7  
Serious eye damage/irritation : Not classified pH: 5.5 - 7  
Respiratory or skin sensitization : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified

|                         |                      |
|-------------------------|----------------------|
| permethrin (52645-53-1) |                      |
| IARC group              | 3 - Not Classifiable |

Reproductive toxicity : Not classified  
Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure): Not classified

Aspiration hazard: Not classified

Potential Adverse human health effects and symptoms: Based on available data, the classification criteria are not met.

## 12. ECOLOGICAL INFORMATION:

### 12.1. Toxicity

|                         |                                                         |
|-------------------------|---------------------------------------------------------|
| permethrin (52645-53-1) |                                                         |
| LC50 fish 1             | 0.0025 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss) |
| EC50 Daphnia 1          | 0.00043 mg/l (48 h; Daphnia magna; Enzyme effect)       |
| LC50 fish 2             | > 2000 mg/kg (Rabbit)                                   |

### 12.2. Persistence and degradability

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Persistence and degradability Not established.

### 12.3. Bioaccumulative potential

|                         |                                           |
|-------------------------|-------------------------------------------|
| permethrin (52645-53-1) |                                           |
| BCF fish 1              | 560 Salmo gairdneri (Oncorhynchus mykiss) |

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|                               |                                                   |
|-------------------------------|---------------------------------------------------|
| BCF fish 2                    | 480 (Cyprinodon variegatus)                       |
| BCF other aquatic organisms 1 | 0.1 mg/l (>24 h; Algae)                           |
| BCF other aquatic organisms 2 | 1900 (Ostreidae)                                  |
| Log Pow                       | 3.48 - 6.5                                        |
| Bioaccumulative potential     | High potential for bioaccumulation (Log Kow > 5). |

### 12.4. Mobility in soil

|                                |                |
|--------------------------------|----------------|
| <b>permethrin (52645-53-1)</b> |                |
| Ecology - soil                 | Toxic to bees. |

### 12.5. Other adverse effects

Other information : Avoid release to the environment.

## 13. DISPOSAL CONSIDERATIONS:

### 13.1. Waste Treatment Methods

Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials: Avoid release to the environment.

## 14. TRANSPORTATION INFORMATION:

In accordance with DOT

No dangerous good in sense of transport regulations

### Additional information

Other information: No supplementary information available.

### ADR

Transport document description:

### Transport by sea

No additional information available

### Air transport

No additional information available

## 15. REGULATORY INFORMATION:

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:

CAUTION: KEEP OUT OF REACH OF CHILDREN

Harmful if absorbed through skin.

Causes moderate eye irritation.

Harmful if inhaled.

### 15.1 US Federal Regulations

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

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### 16. OTHER INFORMATION:

Other information: None