

# MATERIAL SAFETY DATA SHEET



**Date Issued :** 10/18/2012  
**MSDS No :** VERATRAN D®  
**Date-Revised :** 4/12/2013  
**Revision No :** 3

## VERATRAN D®

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** VERATRAN D®  
**PRODUCT DESCRIPTION:** An Insecticide for Citrus Thrips and other Thrips Species.  
**PRODUCT CODE:** 2994, EPA REG. NO. : 1021-2600  
**ACTIVE INGREDIENT(S):** Sabadilla Alkaloids

#### MANUFACTURER

McLaughlin Gormley King Company  
 8810 10th Avenue North  
 Minneapolis, MN 55427  
**Emergency Contact:** SafetyCall®  
**E-Mail:** mgk-sds@mgk.com  
**Emergency Phone:** 1(888) 740-8712  
**Alternate Emergency Phone:** 1(952) 852-9509  
**Service Number:** 1(800) 645-6466

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

##### FOR TRANSPORTATION:

**CHEMTREC® U.S. and CANADA:** 1(800) 424-9300  
**CHEMTREC® All Other Areas:** 1(703) 527-3887

**COMMENTS:** MGK® Hours of operation are 8:00 am to 4:30 pm CST, 14:00 to 22:30 GMT.

For MEDICAL EMERGENCIES or PESTICIDE INCIDENTS, call 24 hours a day to 1-888-740-8712.

### 2. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**IMMEDIATE CONCERNS:** CAUTION. Harmful if absorbed through the skin. Avoid contact with skin, eyes, and clothing.

#### Personal Protective Equipment (PPE):

Mixers, loaders, applicators, flaggers, and other handlers:

Wear a long-sleeved shirt and long pants, shoes and socks.

Wear chemical-resistant gloves such as Barrier Laminate, Neoprene Rubber, Nitrile Rubber, or Viton.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Airborne dusts may cause temporary irritation, tearing, and blurred vision.

**SKIN:** May cause skin irritation. Can cause a burning or prickling sensation on more sensitive areas (face, eyes, mouth).

**SKIN ABSORPTION:** Harmful if absorbed through the skin.

**INGESTION:** May be harmful if swallowed in large amounts.

**INHALATION:** Inhalation of airborne dusts from product may cause nasal and respiratory irritation.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**CHRONIC EFFECTS:** None known.

**COMMENTS:** This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS	EINECS
Sabadilla Alkaloids	0.2	8051-02-3	Not Avail.

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**COMMENTS:** Ingredients not identified are proprietary or non-hazardous. Values are not product specifications.

### 4. FIRST AID MEASURES

**EYES:** Flush eyes with plenty of water.

**SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**INGESTION:** Induce vomiting by placing a finger at the back of the throat. Call physician immediately.

**INHALATION:** Remove to fresh air.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** This product is NOT classified as flammable or combustible by OSHA.

**EXTINGUISHING MEDIA:** Foam, carbon dioxide or dry chemical.

**HAZARDOUS COMBUSTION PRODUCTS:** This product is classified as Non-Combustible, however in the extreme temperatures that fires may produce, some of the constituents of this formula may decompose to give off such gases as carbon dioxide, carbon monoxide, and nitrogen oxides.

**FIRE FIGHTING PROCEDURES:** Use a full-faced self-contained breathing apparatus along with full protective gear. Keep nearby containers and equipment cool with a water stream.

**FIRE EXPLOSION:** Dust may be explosive in airborne concentrations of 45 grams/ Meter<sup>3</sup> or higher.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Sweep into a container for reuse.

**LARGE SPILL:** Contain the spill (prevent this product from reaching surface waters or other water supplies). Sweep up the spill with sweeping compound and transfer into waste containers for disposal. Clean the spill area with detergent and water.

### 7. HANDLING AND STORAGE

**HANDLING:** Applicators and other handlers must wear: Long-sleeved shirt and long pants. Chemical-resistant gloves, such as Barrier Laminate, Neoprene Rubber, Nitrile Rubber, or Viton. Shoes and socks. Do not contaminate water, food or feedstuffs by storage, handling, or disposal.

READ AND OBSERVE ALL PRECAUTIONS AND INSTRUCTIONS ON THE PRODUCT LABEL.

**STORAGE:** Store in a cool, dry place. Keep container closed. Always store pesticides in the original container. Store away from food and pet-food.

KEEP OUT OF REACH OF CHILDREN.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		SupplierOEL	
Chemical Name		ppm	mg/m³	ppm	mg/m³	ppm	mg/m³
Sabadilla Alkaloids	TWA	None		None		None	

PPE required for early entry to treated areas that is permitted under Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: Coveralls; Chemical-resistant gloves such as Barrier Laminate, Nitrile Rubber, Neoprene Rubber, or Viton; Shoes plus socks.

**DENSITY:** 61.5 at 20 °C (68°F)

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**Notes:** Lbs./ft.<sup>3</sup>

**SPECIFIC GRAVITY:** 2.1 (Water = 1) at 20 °C (68 °F)

**(VOC):** < 1.000 %

### 10. STABILITY AND REACTIVITY

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** No

**CONDITIONS TO AVOID:** Not compatible with strong acids or bases. Not compatible with strong oxidizers.

### 11. TOXICOLOGICAL INFORMATION

#### ACUTE

**ORAL LD<sub>50</sub>:** > 10.0 gm/kg

**COMMENTS:** None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

### 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** 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 contaminate water when disposing of equipment wash water or rinsate.

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**EMPTY CONTAINER:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

**RCRA/EPA WASTE INFORMATION:** None of the ingredients in this product appear on the RCRA lists (40 CFR 261.24, 40CFR 251.33) or CERCLA Hazardous Substance list (40 CFR Part 302 Table 302.4)

### 14. TRANSPORT INFORMATION

#### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Insecticides, Insect or Animal Repellent, Solid, N.O.S.

**PRIMARY HAZARD CLASS/DIVISION:** Non-Hazardous

**OTHER SHIPPING INFORMATION:** This material is not regulated by the DOT as a hazardous material when shipped in Non-Bulk quantities (i.e., less than 119 Gallon's / 450 Liter's).

When shipping in Bulk-quantities (i.e., more than 119 Gallon's / 450 Liter's), please contact MGK® for the proper shipping description.

#### AIR (ICAO/IATA)

**SHIPPING NAME:** Insecticides, Insect or Animal Repellent, Solid, N.O.S.

**PRIMARY HAZARD CLASS/DIVISION:** Non-Hazardous

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### VESSEL (IMO/IMDG)

**SHIPPING NAME:** Not Available

### 15. REGULATORY INFORMATION

#### UNITED STATES

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes

**313 REPORTABLE INGREDIENTS:** This product contains no SARA Title III Section 313 chemicals that exceed the reporting limits.

#### 302/304 EMERGENCY PLANNING

**EMERGENCY PLAN:** There are no SARA Title III Section 302 extremely hazardous substances present in this formulation (40 CFR 355).

There are no components that are subject to emergency requirements under CERCLA Section 103(a)(40 CFR 302.4) in this formulation.

#### TSCA (TOXIC SUBSTANCE CONTROL ACT)

**TSCA STATUS:** All chemical substances found in this product comply with the Toxic Substances Control Act's inventory reporting requirements.

#### REGULATIONS

##### STATE REGULATIONS:

##### VOLATILE ORGANIC COMPOUNDS (VOC):

This product contains less than 1% VOC's.

### 16. OTHER INFORMATION

**REVISION SUMMARY:** This MSDS replaces the 1/18/2013 MSDS. Revised: **Section 1: PRODUCT CODE.**

#### HMIS RATING

<b>HEALTH</b>	<input type="text"/>	<b>1</b>
<b>FLAMMABILITY</b>	<input type="text"/>	<b>1</b>
<b>PHYSICAL HAZARD</b>	<input type="text"/>	<b>1</b>
<b>PERSONAL PROTECTION</b>	<input type="text"/>	

**COMMENTS:** The data contained herein are based on information currently available to McLaughlin Gormley King Company and, to the best of our knowledge, are accurate and based on sound expert opinion. Our statements herein, however, are not to be taken as a warranty or representation for which McLaughlin Gormley King Company assumes legal responsibility.

MSDS Prepared by T. Azzivitto