

# SA-50 LAWN INSECT CONTROL contains 2.5% PERMETHRIN

## MATERIAL SAFETY DATA SHEET

### SECTION I - IDENTIFICATION OF PRODUCT

#### MANUFACTURER'S NAME & ADDRESS:

Southern Agricultural Insecticides, Inc.  
P.O. Box 218, Palmetto, FL 34220

PRODUCT NAME: SA-50 LAWN INSECT CONTROL EPA REGISTRATION NO. 28293-271-829  
Phone: (941)722-3285 **Transportation: ChemTrec (800) 424-9300**

**Only in event of Chemical emergencies involving Spill, Fire, Leak, Exposure or Accident involving chemicals.**

CHEMICAL NAME: See Section VI

C.A.S. NAME: See Section VI

C.A.S. NUMBER: See Section VI

CHEMICAL FORMULA: See Section VI

MOLECULAR WEIGHT: N/A

CHEMICAL FAMILY: Mixture

D.O.T. HAZARD CLASS: N/A

D.O.T. SHIPPING NAME: Insecticide Liquid Other than Agriculture N.O.I.B.N.

### EMERGENCY OVERVIEW

**Health:** May be harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing.

**Environmental:** This product is extremely toxic to fish and aquatic organisms. Highly toxic to bees exposed to direct treatment on blooming crops or weeds.

### SECTION II - PHYSICAL DATA

ODOR:	Mild	MELTING POINT:	N/E
APPEARANCE:	liquid	PARTICLE SIZE:	N/A
LBS/GAL:	8.4016	CLOUD PT:	N/A
COLOR (G-H):	off white	PERCENT VOLATILE:	N/E
BOILING POINT:	N/E	EVAPORATION RATE:	N/E
VAPOR PRESSURE:	N/E	FLASH POINT:	>195°F
VAPOR DENSITY:	N/E	SPECIFIC GRAVITY:	1.008
BULK DENSITY (FLUFFED):	N/A	BULK DENSITY (SETTLED):	N/A
REFRACTIVE INDEX:	N/E	pH: 7.3	
SOLUBILITY (OIL):	Soluble	SOLUBILITY (WATER):	Emulsifiable

### SECTION III - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): >195°F (TCC)

FLAMMABLE LIMIT (LOWER): N/E

FLAMMABLE LIMIT (UPPER): N/E

FIRE EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical & water fog.

SPECIAL PROCEDURES: Use self-contained breathing apparatus. Cool fire exposed areas and equipment.

UNUSUAL FIRE/EXPLOSION HAZARDS:

### SECTION IV - HEALTH HAZARD DATA

TOXICITY CATEGORY: "CAUTION" label required

ORAL LD50: N/E

DERMAL LD50: N/E

INHALATION LD50: N/E

EYE EFFECTS: Avoid Contact

SKIN EFFECTS: Avoid Contact

THRESHOLD LIMIT VALUE: N/E

ADDITIONAL COMMENTS: Harmful if swallowed or absorbed through the skin.  
Child resistant packaging utilized.



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### SECTION V - SPECIAL PROTECTION

EYE PROTECTION: Avoid contact

SKIN PROTECTION: Avoid Contact. Suitable protective clothing should be worn in confined or overhead areas to prevent exposure to eyes and skin. The use of gloves and footwear, a long-sleeved shirt and long pants or coveralls are recommended.

RESPIRATORY PROTECTION: None likely to be needed. Avoid breathing spray mist. Treated confined areas should be ventilated during and immediately following application before the areas are re-occupied.

OTHER PRECAUTIONS: Wash thoroughly after handling. Remove and wash clothing before reuse. Food utensils such as teaspoons or measuring cups should not be used for food purposes after use with insecticides.

### SECTION VI - COMPOSITION & HAZARDOUS COMPONENTS OF MIXTURES

MATERIAL	PERCENT
*Permethrin (CAS #52645-53-1)	2.50%
* (3-phenoxyphenyl) methyl (±) cis/trans-3-(2,2-dichloroethenyl) 2,2-dimethylcyclopropanecarboxylate Cis/trans ratio: min. 35% (±) cis and max. 65% (±) trans	
Inert Ingredients (Water base)	97.50%

### SARA TITLE III, SECTION 313:

This product contains the following toxic chemicals subject to the reporting requirement of Section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372:

CAS Number	Ingredient Name	Percent by Weight
52645-53-1	Permethrin	Min: 2.375% Max: 2.625%

*This information must be included on all MSDS (s) that are copied and distributed for this product.*

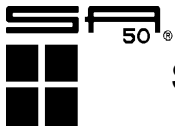
### SECTION VII - EMERGENCY & FIRST AID PROCEDURES

- IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice.  
Have person sip a glass of water if able to swallow.  
Do not induce vomiting unless told to do so by the poison control center or doctor.  
Do not give anything by mouth to an unconscious person.
- IF ON SKIN OR CLOTHING:** 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.
- IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes.  
Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.  
Call a poison control center or doctor for treatment advice.
- IF INHALED:** Move person to fresh air.  
If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.  
Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

### SECTION VIII - EFFECTS OF OVER-EXPOSURE

N/E



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#### SECTION IX - SPILLAGE OR LEAKAGE PROCEDURES

In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of according to local, state authorities.

#### SECTION X – STORAGE & WASTE DISPOSAL METHODS

**Storage:** Store in a cool, dry area away from heat or open flame.

**Disposal: If empty** - Do not reuse container. Place in trash or offer for recycling if available.

**If partly filled** – Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

#### SECTION XI - ADDITIONAL PRECAUTIONS

**Environmental Hazards:** This product is extremely toxic to fish. Do not apply directly to water. Drifts and runoff from treated areas may be hazardous to aquatic organisms in treated areas. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

**Product is for use around residential (Home) areas only.**

**READ AND FOLLOW LABEL PRECAUTIONS AND DIRECTIONS FOR USE.**

#### SECTION XII - COMMENTS

The information contained herein is believed to be accurate whether originating with Unicorn or not. Unicorn provides no warranties, either expressed or implied, and assumes no responsibility for the accuracy or completeness of the data. Recipients are advised to confirm any data, in advance of need, that it is current, applicable and suitable to their circumstances.

N/E = Not Established

N/A = Not Applicable