

## CESSCO A.C. SOUTHERN SPRAY-TOX INSECTICIDE

### SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Cessco, Inc.  
3609-A River Road  
Johns Island, SC 29455

COMPANY CONTACT: William L. Ayer  
TELEPHONE NUMBER: (800) 476-3666

### EMERGENCY TELEPHONE NUMBER

**CHEMTREC 1-800-424-9300**

For information regarding **MEDICAL EMERGENCIES** or **PESTICIDE INCIDENTS**, call the **INTERNATIONAL POISON CENTER** at 1-888-740-8712, 24 hours a day.

**PRODUCT NAME:** CESSCO A.C. SOUTHERN SPRAY-TOX INSECTICIDE  
**PRODUCT DESCRIPTION:** Fogging Insecticide  
**EPA REGISTRY NUMBER:** 6959-33

### SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>INGREDIENT NAME</u>  | <u>PERCENT BY WEIGHT</u> | <u>EINECS#</u> |
|-------------------------|--------------------------|----------------|
| Pyrethrin               | .30%                     | 232-319-8      |
| CAS NUMBER: 008003-34-7 |                          |                |
| Piperonyl butoxide      | 1.5%                     | 200-076-7      |
| CAS NUMBER: 000051-03-6 |                          |                |
| Petroleum Distillate    | 98.20%                   | 265-149-8      |
| CAS NUMBER: 064742-47-8 |                          |                |

**COMMENTS:**

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

### SECTION 3. HAZARDS IDENTIFICATION

\*\*\*\*\*EMERGENCY OVERVIEW\*\*\*\*\*

#### **IMMEDIATE CONCERNS:**

**CAUTION.** Eye and Skin Irritant. Harmful if swallowed or absorbed through skin. Inhalation of vapors can be harmful. Avoid contact with skin, eyes and clothing. Avoid inhalation vapors. ALWAYS Wear Safety Glasses and appropriate personal protective equipment when handling this material. Do not use near heat, open flame or ignition sources.

#### **POTENTIAL HEALTH EFFECTS**

**EYES:**

May cause temporary irritation, tearing and blurred vision.

**SKIN:**

May cause skin irritation. Prolonged or repeated exposure can cause irritation and reddening of the skin, possibly progressing into dermatitis.

**SKIN ABSORPTION:**

May be harmful if absorbed through the skin.

**INGESTION:**

May cause stomach irritation, resulting in nausea, cramps and vomiting. May cause nervous system disorders, such as fatigue, dizziness, headaches, lack of coordination, tremors and unconsciousness. Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause lung inflammation and other lung injury.

**SECTION 3. HAZARDS IDENTIFICATION—CONT.**

**INHALATION:**

Excessive inhalation can cause nasal and respiratory irritation, nausea, and nervous systems disorders, such as fatigue, dizziness, headaches, lack of coordination, tremors and unconsciousness.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE KNOWN.**

**SECTION 4. FIRST AID MEASURES**

**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 eye. Call a poison control center or doctor for treatment advice.

**SKIN:**

Remove contaminated clothing and wash affected areas with large amounts of soap and water. If irritation persists, get medical attention. Wash clothing separately before reuse.

**INGESTION:**

If swallowed, call a physician or poison control center and seek medical attention immediately. **DO NOT** induce vomiting due to aspiration pneumonia hazard. Never give anything by mouth to an unconscious person.

**INHALATION:**

Remove affected person to fresh air. If person is not breathing has stopped, call 911 or an ambulance, then administer artificial respiration, preferably mouth to mouth if possible, and seek medical attention immediately.

**NOTES TO PHYSICIAN:**

Contains Pyrethrins and Petroleum distillates.

**SECTION 5. FIRE FIGHTING MEASURES**

**FLAMMABLE PROPERTIES**

**FLASH POINT AND METHOD:** 73.9°C (165° F) TAG CC

**FLAMMABLE CLASS:**

**EXTINGUISHING MEDIA**

Carbon Dioxide, Dry Chemical, Foam

**HAZARDOUS COMBUSTION PRODUCTS**

Under fire conditions this product may support combustion and may decompose to give off toxic gases such as carbon monoxide, carbon dioxides and nitrogen oxides.

**FIRE FIGHTING PROCEDURES**

Treat as an oil fire. Use a full-faced self-contained breathing apparatus along with full protective gear.

Keep nearby containers and equipment cool with a water stream.

**SENSITIVE TO STATIC DISCHARGE**

Yes, use proper bonding and/or grounding procedures.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:**

Shut off ignition sources. Stop release, if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Absorb with appropriate absorbent. Clean spill area of residues and absorbent.

**LARGE SPILL:**

Shut off ignition sources. Stop release, if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Collect product into drums, etc. via drains pumps, etc. Absorb with appropriate absorbent. Clean spill area of residues and absorbent.

**SECTION 6. ACCIDENTAL RELEASE MEASURES—CONT.**

**ENVIRONMENTAL PRECAUTIONS**

**WATER SPILL:**

Contains pyrethrin which is toxic to fish and other aquatic invertebrates. Contaminated absorbent and wash water should be disposed of according to local, state, federal regulations.

**SECTION 7. HANDLING AND STORAGE**

**GENERAL PROCEDURES**

Do not use near heat, open flame or any ignition source.

**HANDLING**

Wear chemically impervious gloves such as neoprene or nitrile. Wear OSHA-approved safety glasses, goggles or face shield. Wearing a NIOSH approved full-faced gas mask with organic vapor canister is recommended for general protection when applying indoors as space spray or fogger. Do not contaminate water, feed, or food by storage, handling or disposing. Observe and follow all precautions on the label.

**STORAGE**

Store containers upright and closed. Store in areas that are cool, dry and well-ventilated. Keep away from heat, ignition sources and strong acids, bases and oxidizers. Emptied containers may retain product residues. Keep Away From Children.

**ELECTROSTATIC ACCUMULATION HAZARD**

This product contain petroleum distillate for which there is potential for the accumulation of static electricity. Use proper bonding and grounding procedures when handling this material.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**EXPOSURE GUIDELINES:**

**OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)**

|                      |     | EXPOSURE LIMITS |                   |           |                   |              |                   |
|----------------------|-----|-----------------|-------------------|-----------|-------------------|--------------|-------------------|
|                      |     | OSHA PEL        |                   | ACGIH TLV |                   | Supplier OEL |                   |
|                      |     | ppm             | mg/m <sup>3</sup> | ppm       | mg/m <sup>3</sup> | ppm          | mg/m <sup>3</sup> |
| Pyrethrins           | TWA |                 | 5                 |           | 5                 |              |                   |
| Piperonyl Butoxide   | TWA | none            |                   | none      |                   | none         |                   |
| Petroleum Distillate | TWA |                 |                   |           |                   | 100          | 526               |

**ENGINEERING CONTROLS**

Mechanical ventilation should be used when handling this product in enclosed spaces. Local exhaust ventilation may be necessary.

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:**

Wear OSHA-approved safety glasses with side shields, goggles or face shield.

**SKIN:**

Wear chemically impervious gloves such as Neoprene or Nitrile and protective clothing.

**RESPIRATORY:**

Wear a NIOSH approved full-faced gas mask with organic vapor canister for general protection when applying indoors as a space spray or fogger.

**PROTECTIVE CLOTHING:**

Wear chemically impervious gloves such as neoprene or nitrile, neoprene or nitrile apron, long sleeve shirt and leather shoes.

**WORK HYGIENIC PRACTICES:**

DO NOT SMOKE, EAT OR DRINK OR APPLY COSMETICS IN WORK AREA! Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

|                          |                               |
|--------------------------|-------------------------------|
| <b>PHYSICAL STATE:</b>   | Liquid                        |
| <b>APPEARANCE:</b>       | Clear light yellow liquid     |
| <b>ODOR:</b>             | Odor of Petroleum distillates |
| <b>pH:</b>               | 7.0 @ 21°C                    |
| <b>SPECIFIC GRAVITY:</b> | .812 (water = 1) at 20°C      |
| <b>SOLUBILITY (H2O):</b> | Virtually insoluble           |
| <b>VAPOR PRESSURE:</b>   | N/D                           |
| <b>VISCOSITY:</b>        | N/A                           |
| <b>BOILING POINT:</b>    | N/A                           |
| <b>FREEZING POINT:</b>   | N/A                           |
| <b>MELTING POINT:</b>    | N/A                           |

**SECTION 10. STABILITY AND REACTIVITY**

**STABLE:** Yes  
**HAZARDOUS POLYMERIZATION:** No  
**CONDITIONS TO AVOID:**  
Not compatible with strong acids or bases. Not compatible with strong oxidizers.

**SECTION 11. TOXICOLOGICAL INFORMATION**

**ACUTE**

Acute toxicological data not available.

**COMMENTS**

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA r ACGIH as being carcinogens. In a recent study, marginally higher incidences of benign thyroid, parathyroid, ovary and liver tumors were observed in rats and lungs of mice following lifetime high dose exposures to pyrethrum. Marginally high incidences of benign liver tumors in mice were observed following lifetime high doses of PBO. The significance of these observations is questionable and under review. The doses at which tumors were observed for pyrethrum and PBO greatly exceeded potential human exposure from labeled uses.

**SECTION 12. ECOLOGICAL INFORMATION**

**ENVIRONMENTAL DATA**

Environmental data not available for this product.

**ECOTOXICOLOGICAL INFORMATION**

This product is extremely toxic to fish and other aquatic invertebrates.

**GENERAL COMMENTS**

This pesticide is highly toxic to fish and other wildlife. For terrestrial uses, 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 apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on the label.

**SECTION 13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:**

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**EMPTY CONTAINER:**

Triple rinse (or equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill or by other approved State and Local procedures.

**SECTION 13. DISPOSAL CONSIDERATIONS—CONT.****RCRA/EPA WASTE INFORMATION:**

This product contains the following RCRA/CERCLA Hazardous wastes/substances:

| <u>COMPONENT</u> | <u>RCRA ID#</u> | <u>Cercla RQ</u> |
|------------------|-----------------|------------------|
| Pyrethrins       | N/A             | 1 lb             |

**SECTION 14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)****DOT CLASSIFICATION:** PETROLEUM DISTILLATES, N.O.S., (PYRETHRUM, PIPERONYL BUTOXIDE), PG III, UN1268, RQ – Note: RQ only if quantity shipped exceeds Reportable Quantity level.**B/L FREIGHT CLASSIFICATION:** PETROLEUM DISTILLATES, N.O.S. (PYRETHRUM, PIPERONYL BUTOXIDE), PG III, UN1268, RQ -- Note: RQ only if quantity shipped exceeds Reportable Quantity level.**INTERNATIONAL TRANSPORTATION:** Not Available**SECTION 15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****313 REPORTABLE INGREDIENTS**

| <u>COMPONENT</u>   | <u>CAS #</u> | <u>MAX%</u> |
|--------------------|--------------|-------------|
| Piperonyl Butoxide | 000051-03-6  | 50          |

**302-304 EMERGENCY PLANNING****EMERGENCY PLAN:** There are no SARA Title III Section 302 extremely hazardous substances present in this formulation. (40 CFR 355).

See section 13 of this MSDS for the components that are subject to emergency requirements under CERCLA Section 103(a)(40 CFR 302.4).

**TSCA (TOXIC SUBSTANCE CONTROL ACT)****TSCA STATUS:** All chemical substances found in this product comply with the Toxic Substances Control ACT inventory reporting requirements**SECTION 16. OTHER INFORMATION****HMIS CODES:** FIRE: 2 HEALTH: 1 REACTIVITY: 1**HMIS RATINGS NOTES:**

We assign HMIS ratings to this product based on the hazards of its ingredient(s). Since the customer is most aware of the applications and conditions of use, he must ensure that the proper personal protective equipment is provided consistent with the information contained in sections 7 and 8 of this MSDS.

**COMMENTS:**

The data contained herein is based on information currently available and believed to be factual and the opinions expressed to be those of qualified experts; however, this data is not to be taken as a warranty or representation for which legal responsibility is assumed.

**DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES**

The above information pertains to this product as it is currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of this product. This information is provided in good faith, but since conditions of use are outside our control, we make no warranties, expressed or implied, and assume no liability in connection with any use of this information.

\*\*Buyer assumes all responsibility for safety and use not in accordance with label directions.

\*\*EMERGENCY TELEPHONE NUMBER FOR TRANSPORTATION SPILLS:

CHEMTREC 1-800-424-9300

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DATE AND TIME OF PRINTING: July 13, 2009 @ 8:30AM