

# MATERIAL SAFETY DATA SHEET

State Chemical Manufacturing Company  
3100 Hamilton Avenue, Cleveland, OH 44114 (216) 861-7114

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **ZERO IN SOK Flying & Crawling Insect Killer** 24 Hour Emergency CHEMTREC Number: 800-424-9300  
Product Description: A formulated aerosol insecticide. MSDS Number: 103283  
EPA Registration Number: 44446-8-70799 EPA Establishment Number: 44446-TX-1

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Active Ingredients</u>	<u>CAS Number</u>	<u>Weight</u>	<u>ACGIH</u>	<u>OSHA</u>
Resmethrin	10453-86-8	0.35%	NE	NE
<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>Weight</u>	<u>ACGIH</u>	<u>OSHA</u>
Propane/Isobutane	68476-85-7	< 25%	600 ppm	1000 ppm
Polyglycerol	9007-48-1	< 3.0%	NE	NE

## 3. HAZARDS IDENTIFICATION

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

Contents under pressure. Do not puncture, incinerate or expose to temperature above 120°F(49°C). May cause eye, skin and respiratory irritation.. Harmful if swallowed.

## POTENTIAL HEALTH EFFECTS

Eye Contact: May cause eye irritation.  
Skin Contact: May cause skin irritation.  
Inhalation: Prolonged exposure can cause nasal and respiratory irritation, nausea, fatigue, dizziness and headaches.  
Ingestion: May cause stomach irritation, resulting in nausea, cramps, vomiting, fatigue, dizziness and headaches.

## 4. FIRST AID MEASURES

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

**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 treatment advice.

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

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

## 5. FIRE FIGHTING MEASURES

Flashpoint(Method): No flame extension.  
Lower Explosive Limit(LEL): NA Upper Explosive Limit(UEL): NA Autoignition Temperature: NA  
Flammable Properties: Heated cans may burst.  
Extinguishing Media: Foam, carbon dioxide, water fog or dry chemical.  
Fire Fighting Instructions : Use a full-faced self-contained breathing apparatus along with full protective gear. Keep nearby containers and equipment cool.

## 6. ACCIDENTAL RELEASE MEASURES

Remove from heat, flames and other sources of ignition. Ventilate area. Absorb spill on oil absorbent, sand or vermiculite. Do not puncture or incinerate cans. Depressurize containers. Dispose of according to all Federal, State and Local Regulations.

## 7. HANDLING AND STORAGE

Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Avoid eye and skin contact. Store in areas that are cool, dry and well-ventilated. All food handling areas should be washed before using them in contact with food. Do not use in food areas while food is exposed. Cover or remove fish bowls for one hour. Remove other pets and birds. Follow label directions to kill fleas and ticks on dogs and cats.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Local exhaust preferable. General exhaust acceptable if the exposure to materials is maintained below applicable exposure limits.

Personal Protective Equipment:

Respiratory: If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted NIOSH-approved organic vapor/particulate respirator.

Eye: Wear approved safety glasses with unperforated sideshields.

Skin: None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemically resistant gloves.

Other: An emergency eyewash station or source of clean potable water should be available in case of accidental eye contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear.	Odor:	Cherry.
Physical State:	Liquid aerosol.	pH:	7.0
Vapor Pressure:	780 mmHg	Vapor Density :	1.0
Boiling Point:	NA	Freezing/Melting Point:	NA
Solubility in Water:	100%	Specific Gravity(water=1):	0.99
Product Weight:	8.33 lbs/gal	VOC Content:	< 15%

## 10. STABILITY AND REACTIVITY

Stability: Heat, sparks, open flames, temperatures above 120°F.  
Hazardous Polymerization: Will not occur.  
Incompatibility: Strong oxidizers. May affect some plastics.  
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide.

## 11. TOXICOLOGICAL INFORMATION

IARC / NTP / OSHA: This product contains no ingredients greater than or equal to 0.1% that is listed as a human carcinogen.

<u>Ingredients</u>	<u>CAS Number</u>	<u>LD50</u>	<u>LC50</u>
Resmethrin	10453-86-8	>2500 mg/kg (oral rat)	>9490 mg/cu m/4 hr (rat)
Propane/Isobutane	68476-85-7	NE	NE
Polyglycerol	9007-48-1	NE	NE

## 12. ECOLOGICAL INFORMATION

NA

## 13. DISPOSAL CONSIDERATIONS

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability and extractability to determine the applicable EPA hazardous waste numbers. Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State and Local regulations.

## 14. TRANSPORT INFORMATION

DOT Shipping Data: Consumer Commodity, ORM-D.  
Canadian TDG: Not registered for sale in Canada.

For International Shipments by Air: Aerosols, NonFlammable, 2.2, UN1950.  
For International Shipments by Vessel: Aerosols, NonFlammable, 2.2, UN1950.

## 15. REGULATORY INFORMATION

TSCA: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.  
Proposition 65: This product contains the following chemicals known to the state of California to cause cancer, birth defects or other reproductive harm:  
Resmethrin 10453-86-8 0.35%  
VOC: This product as regulated by California and other states, is classified as a "Crawling Bug Insecticide" with a maximum VOC content of 15%.  
SARA 313: This product contains no chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372.65C).

HMIS RATING: Health = 2 Flammability = 1 Reactivity = 1 PPE = A  
WHMIS RATING: Not registered for sale in Canada.

## 16. OTHER INFORMATION

NA = Not Available or Not Applicable  
NE = Not Established

**Read and follow all label directions and precautions before using the product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF THE REACH OF CHILDREN.** While we believe that the data contained herein is factual and the opinions expressed are those of qualified experts, the data are not to be taken as a warranty or representation for which the company assumes legal responsibility. They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and Local Laws and regulations.

HEALTH AND SAFETY INFORMATION: (216) 861-7114

Completed On: December 2005 Replaces: March 2004 Completed By: Regulatory Affairs Specialist.