

# MATERIAL SAFETY DATA SHEET

COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

## SECTION I - PRODUCT IDENTIFICATION

**Product Name:** BACKFLIP • CRAWLING INSECT KILLER

**Product Number:** 335

**Product Type:** AEROSOL

**Supplier's Name:** Terand Industries, Inc.

**Supplier's Address:** P.O. Box 667770, Pompano Beach, FL. 33066

**D.O.T. Hazard Class:** CONSUMER COMMODITY - ORM-D

**Formula:** Proprietary

**Date Prepared:** 12/28/07

**Emergency Phone:** (800) 535-5053

**Information Phone:** (954) 974-5440

**HMIS Rating** (Based on Aerosol Conc.):

0-Minimal 1- Slight 2- Moderate

3- Serious 4- Extreme

HEALTH: 1 FIRE: 2 REACTIVITY: 1

**Personal Protection** : B

## SECTION II - INGREDIENTS

CHEMICAL NAME	CAS #	%WT	313/Chem	Skin	Carcinogen	PEL	TLV / TWA
Isoparaffinic Hydrocarbon	64742-47-8	90-100	NO	NO	NO	N/A	152 ppm*
Tetramethrin	7696-12-0	0.150	YES	NO	NO	N/A	N/A
Permethrin	52645-53-1	0.375	YES	NO	NO	N/A	N/A
Piperonyl Butoxide	51-03-6	0.75	YES	NO	NO	N/A	N/A
Carbon Dioxide	124-38-9	01-05	NO	NO	NO	5000 ppm	5000 ppm

\*Manufacturer's recommended exposure limit (TWA).

## SECTION III - PHYSICAL DATA

**Data Below Based On Aerosol Concentrate Only:**

Boiling Point: 424° F

pH: N/A

Appearance/Odor: Pale Yellow Liquid, Minimal Odor

Vapor Density(Air=1): >1

Specific Gravity (H<sub>2</sub>O=1)@75°F: 0.785

Solubility In Water: Slight

**Data Below Based On Total Contents:**

Vapor Pressure of can (psig @70°F): 90

Total VOC %: <1.55%

## SECTION IV - FIRE AND EXPLOSION DATA

**Flash Point** (of Concentrate Only): 170°F (T.O.C.)

**Flammability** (as per USA Flame Projection Test): Non-Flammable Spray

**Extinguishing Media:** Foam, CO<sub>2</sub>, Dry Media

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.

**Unusual Fire and Explosion Hazards:** Exposure to temperature above 120° F may cause bursting.

## SECTION V - REACTIVITY DATA

**Stability:** Material Stable.

**Hazardous Polymerization:** Will not Occur.

**Incompatibility:** Avoid contact with strong oxidizing agents.

**Hazardous Decomposition Products:** Carbon Monoxide, Carbon Dioxide.

## SECTION VI - STORAGE AND HANDLING

**KEEP OUT OF REACH OF CHILDREN.**

For Industrial and Institutional use only.

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

Do not store at temperatures above 120° F.

Contents under pressure.

Do not puncture or incinerate container.

Avoid contact with eyes, skin, and clothing.

Wash thoroughly after handling.

Remove and wash clothing before reuse.

Avoid contamination of food and feed.

**NFPA Code 30B Rating:** Level 1 Aerosol

## SECTION VII - HEALTH AND FIRST AID

**PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:**

**Eyes:** May cause moderate irritation.

**Skin:** Frequent or prolonged contact may cause irritation and allergic reactions in some individuals.

**Inhalation:** Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects.

**Ingestion:** Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis.

**FIRST AID PROCEDURES:**

**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 further treatment advice.

**Skin:** Take off any contaminated clothing. Rinse immediately with plenty of water for 15-20 minutes. If irritation persists, call a poison control center or doctor for treatment advice..

**Inhalation:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**Ingestion:** 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 instructed to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

## SECTION VIII - SPECIAL PROTECTION DATA

**Respiratory Protection:** None needed for proper use in accordance with label directions.

**Ventilation:** Provide local exhaust to keep air concentrations of ingredients listed in Section II below acceptable limits.

**Protective Gloves:** Use chemical resistant gloves if hand contact will be made.

**Eye Protection:** Always wear safety glasses or chemical proof goggles when working with any chemical.

## SECTION IX - SPILL OR LEAK PROTECTION

**STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:** Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and local laws.

**WASTE DISPOSAL METHOD:** Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.

**N/A= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · <=LESS THAN · >=MORE THAN**

**NOTICE:** The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.