

SAFETY DATA SHEET

Date: 10/07/2015
(Preparation or Last Revision)

Complies with 91/155/EEC, 1907/2006 (REACH) and amendments, OSHA's Hazard Communication Standard, 29 CFR 1910.1200; and the requirements of the U.S. Department of Labor Occupational Safety & Health Administration.

Regulatory Status:

This preparation is classified as hazardous under U.S. OSHA 29 CFR 1910.1200; E.C. Directive 1999/45/EC; Canadian R.S. 1985, c. H-3; U.K. CHIP 2002 No. 1689; and/or U.N. GHS ST/SG/AC 10/30.

None of the components present in this preparation at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: Flea & Tick Carpet & Pet Bedding Spray **SERIES NAME:** Espree
DESCRIPTION: A repellent spray that kills fleas and ticks on carpet, pet beds and upholstery.
PRODUCT USE: Insecticide/Spray
DISTRIBUTOR: Espree Animal Products, Inc. Telephone: 817-251-6300
800 Industrial Blvd, #200 Fax: 817-251-6400
Grapevine, Texas 75051, USA Website: www.espree.com

SECTION 2: HAZARDOUS INGREDIENTS

Classification

OSHA Regulatory Status:

This chemical is considered hazardous by the 2012 OSHA Hazard Communication standard (29 CFR 1910.1200)

| | |
|---|------------|
| Acute toxicity – Oral | Category 4 |
| Acute toxicity-Inhalation (Dusts/Mists) | Category 4 |
| Skin corrosion/irritation | Category 3 |

Label Elements

Emergency Overview

WARNING

Hazard Statements

H302- Toxic if swallowed

H332- Harmful if inhaled

H316 – Causes mild skin irritation

H400- Very toxic to aquatic life

H410- Very toxic to aquatic life with long lasting effects



Appearance: Clear Yellow

Physical State: Liquid

Odor: Vegetable-Slight - Sweet

Precautionary Statements-Prevention:

P264- Wash face, hand and any exposed skin thoroughly after handling

P270- Do not eat, drink or smoke when using product

P261- Avoid breathing dust/fumes/gas/mist/vapors/spray

P271- Use only outdoor or in a well-ventilated area

P280- Wear protective gloves

Precautionary Statements – Response:

SAFETY DATA SHEET

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P312 – Call a Poison Center or doctor/physician if you feel unwell

P301 + P312 – IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

P330 – Rinse Mouth

Precautionary Statements- Storage:

P403 + P233 – Store in well-ventilated place. Keep container tightly closed

Precautionary Statements- Disposal:

P501 – Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC):

Not applicable

SECTION 3: COMPOSITION

| Chemical Name | CAS No | Weight-% |
|---------------|------------|----------|
| Esfenvalerate | 66230-04-4 | 0.0250 |

*The exact percentage (concentration) of composition has been withheld as a trade secret.

Comments: Ingredients not identified are property or non-hazardous. Values are not product sections.

SECTION 4: FIRST AID MEASURES

Aspiration pneumonia hazard: *No information available

Description of first aid measures:

EYES: Hold eye open and rinse slowly and gently with water 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center doctor for treatment advice

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

INGESTION: If swallowed, IMMEDIATELY call a position control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do by a poison control center or a doctor. Never give anything by mouth to an unconscious person.

INHALATION: Remove affected 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 for further treatment advice.

Note to Physicians: For skin effects, a highly efficient therapeutic agent for Pyrethrin/Pyrethroid exposure is topical application of tocopherol acetate (Vitamin E)

Self-Protection /First Responder Use personal protective equipment as required

Note to Physician For skin effects, a highly efficient therapeutic agent for Pyrethrin/Pyrethroid exposure is topical application oftocopherol acetate (Vitamin E).

SECTION 5: FIRE - FIGHTING MEASURES

Suitable extinguishing media: Use, Dry chemical. Carbon dioxide (CO2). Water spray (fog). Alcohol resistant foam.

Unsuitable extinguishing media: Caution: Use of water spray when fighting fire may be inefficient.

Hazards combustion products: Hydrogen cyanide, Carbon monoxide, Carbon dioxide (CO2).

Specific hazards arising from the chemical: No information available.

Explosion Data: Sensitivity to Mechanical Impact: None.
Sensitivity to Static Discharge: None.

Protective equipment and precautions for firefighters: As in any fire, wear-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent)

NFPA Health hazards **2** Flammability **1** Instability **0** Physical and Chemical Properties -

SAFETY DATA SHEET

HMIS Health hazards 1 Flammability 1 Physical hazards 0 Personal Protection X
Chronic Hazard Star * =Chronic Health Hazard
Legend

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, protective equipment and emergency procedures

Personal Precautions:

Use personal protective equipment as required. Evacuate personal to safe areas. Keep people away from and upwind of spill/leak.

Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Do not allow into any sewer, on the ground or into any body of water. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained. See section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up:

Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

SECTION 7: HANDLING & STORAGE

Precautions for safe handling

Advice on safe handling:

Use personal protective equipment as required. Ensure adequate ventilation, especially in confined areas. Use with local exhaust ventilation. Do not breathe dust/fumes/gas/mist/vapors/spray. For more information, see product label.

Conditions for safe storage, including any incompatibilities

Storage Conditions:

Keep container tightly closed in a dry and well-ventilated place. Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers. For more information, see product label.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Exposure Guidelines: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulator bodies.

Appropriate Engineering Controls

Engineering Controls:

Safety Showers
Eyewash Stations
Ventilation systems

Individual protection measures, such as personal protective equipment

RESPIRATORY PROTECTION: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

EYE/FACE PROTECTION: Tight sealing safety goggles. Face protection shield.

SKIN AND BODY PROTECTION: Wear protective gloves and protective clothing.

General Hygiene Considerations: When using do not eat, drink, or smoke. Wash contaminated clothing before reuse. Regular cleaning of equipment, work area and clothing is recommended.



SECTION 9: PHYSICAL/CHEMICAL PROPERTIES

Information on basic physical and chemical properties:

Physical State: Liquid
Appearance: Clear, Yellow

SAFETY DATA SHEET

Odor: Slight - Sweet
Odor threshold: No information available
Color (Gardner Scale): 1

| Property: | Values: | Comment: *Method |
|---|---------------------------------|------------------|
| pH: | 6.4 | |
| Boiling Point / boiling range: | No information is available | |
| Melting point / boiling range: | No information is available | |
| Flash point: | >93.3 °C / > 200.0 °F | Tag Closed Cup |
| Evaporation rate | No information is available | |
| Flammability (solid gas) | No information is available | |
| Upper flammability limit (UEL) | No information is available | |
| Lower flammability limit (LEL) | No information is available | |
| Vapor Pressure | No information is available | |
| Vapor Density | No information is available | |
| Specific Gravity | No information is available | |
| Partition coefficient; n-Octanol/Water: | No information is available | |
| Autoignition temperature: | No information is available | |
| Decomposition temperature: | No information is available | |
| Kinematic Viscosity | No information is available | |
| Dynamic Viscosity | 6.0 cPs. | @22.6 °C |
| Refractive Index | 1.336 | @25 °C (77 °F) |
| <u>Other Information:</u> | | |
| Density: | 0.999 g/cm ³ @ 20 °C | |
| VOC Content (%): | 1.18 | |
| <u>Miscibility/Solubility:</u> | | |
| Water: | Miscible | |
| Alcohol: | Miscible | |
| Aromatic Solvents: | Immiscible | |
| Petroleum distillates: | Immiscible | |

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: No Data Available
STABILITY: Stable under recommended storage conditions
Possibility of Hazardous Reactions None under normal processing
Hazardous Polymerization Hazardous Polymerization does not occur
CONDITIONS TO AVOID: Extremes of temperature and direct sunlight

INCOMPATIBLE MATERIALS: Incompatible with strong acids and bases. Incompatible with oxidizing agents

HAZARDOUS Decomposition Products: Hydrogen Cyanide, Carbon Monoxide, Carbon dioxide (CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

Numerical measures of toxicity- Production Information

Oral LD₅₀ >1,500 mg/kg (rat)
Dermal LD₅₀ >2,000 mg/kg (rabbit)
Inhalation LC₅₀ >2.02 mg/L (rat; 4 hours)
Eye Contact Irritation clearing in 72 hours. (rabbit)
Skin Contact Slight irritation at 72 hours.
Skin Irritation Index 0.83

Sensitization: Negative. (guinea pig)

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, or NTP.

Reproductive Toxicity: No information available.

Development Toxicity Teratogenicity No information available.

STOT- Single Exposure No information available.

STOT – repeated exposure Avoid Repeated Exposure

SAFETY DATA SHEET

SECTION 12: ECOLOGICAL INFORMATION

Eco toxicity:

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other Adverse Effects

No information available.

Environmental Hazards (EPA)

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this products to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal of wastes:

Disposal should be in accordance with applicable regional, national and local laws and regulations. For more information, see product label.

Contaminated Packaging:

For more information, see product label

SECTION 14: TRANSPORT INFORMATION

DOT (Department of Transportation)

Proper Shipping Name:

Insecticides, Insect or Animal Repellent, liquid

Hazard Class

Non-Hazardous

Reportable Quantity (RQ)

Pyrethrins (1 Lb.)

Other Shipping Information:

This material is **not** regulated as a hazardous material when shipped in Non-Bulk quantities (i.e., less-than 119 Gallons/450 Liters)

When shipping in Bulk-quantities (i.e., more than 119 Gallons/ 450 Liters), please contact MGK for the proper shipping description.

Air (IATA/ ICAO)

Proper Shipping Name:

Insecticides, Insect or Animal Repellent, liquid

Hazard Class:

Non-Hazardous

Note:

Not available.

Vessel (IMO/IMDG)

SECTION 15: REGULATORY INFORMATION

US Federal Regulations:

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and title 40 of the Code of Federal regulations, Part 372

Section 311/312 Hazard

Categories

| | |
|-----------------------------------|-----|
| Acute Health Hazard | Yes |
| Chronic Health Hazard | No |
| Fire Hazard | No |
| Sudden release of pressure hazard | No |
| Reactive hazard | No |

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental

Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA)

SAFETY DATA SHEET

(40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to the releases of materials

US State Regulations:

California Proposition 65:

This product does not contain any Proposition 65 chemicals

U.S. EPA Label Information:

EPA Registration Number 1021-1779

Differences between SDS and EPA (FIFRA Pesticide label):

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for Safety Data Sheets (SDS), and for workplace labels of non-pesticides chemicals. The pesticide label also includes other important information, including directions for use. The hazard information required on the pesticide label is reproduced below.

Signal word: **CAUTION**

Precautionary Statements:

- Harmful if Swallowed
- Harmful if absorbed through the skin

International:

| | |
|---------------|-----------------|
| TSCA | Does not comply |
| DSL/NDSL | Does not comply |
| EINECS/ELINCS | Does not comply |
| ENCS | Does not comply |
| IECSC | Does not comply |
| KECL | Does not comply |
| PICCS | Does not comply |
| ACIS | Does not comply |

Legend:

TSCA- United States Toxic Substances Control Act section 8(b) Inventory

DSL/NDSL- Canadian Domestic substances List/Non-Domestic Substance List

EINECS/ELINCS- European Inventory of Existing chemical substances/European list of Notified Chemical Substances

ENCS- Japan Existing and New Chemical Substances

IECSC- China Inventory of Existing Chemical Substances

KECL- Korean Existing and Evaluated Chemical Substances

PICCS- Philippines Inventory of Chemical and Chemical Substances

AICS- Australian Inventory of Chemical Substances

SECTION 16: OTHER INFORMATION

NC Poison Control Center: 1-800-222-1222

FURTHER INFORMATION: This SDS has been prepared in accordance with:

DISCLAIMER: The information provided in this Material Data Safety Sheet has been compiled, in good faith, from our experience and data presented in various technical publications. An MSDS for a substance is not primarily intended for use by the general consumer, focusing instead on the hazards of working with the material in an occupational setting. It is believed to be accurate and represents the best information currently available. HOWEVER, ESPREE NO WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER TYPE, EXPRESSED OR IMPLIED, WITH RESPECT TO PRODUCTS DESCRIBED OR DATA OR INFORMATION PROVIDED, AND WE ASSUME NO LIABILITY RESULTING FROM THE USE OF SUCH PRODUCTS, DATA OR INFORMATION. Users should make their own investigations to determine the suitability of the information for their particular purposes, and the user assumes all risk arising from their use of the material. The user is required to comply with all laws and regulations relating to the purchase, use, storage and disposal of the material, and must be familiar with and follow generally accepted safe handling procedures. In no event shall Espree be liable for any claims, losses, or damages of any individual or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Espree been advised of the possibility of such damages. We reserve the right to update MSDS sheets from time to time as new information becomes available. It is the responsibility of the user to verify that they have the latest revision available.

| Manufactured By/Contact Source for Additional Information | |
|--|-----------------------------------|
| Esprea Animal Products, Inc. | Phone Number: 800-328-1317 |
| 800 Industrial Blvd, #200 | Fax Number: 817-251-6400 |
| Grapevine, TX 76051 | Email: customerservice@esprea.com |
| United States of America | Preparer's Name: William Lindo |