

SAFETY DATA SHEETS

This SDS packet was issued with item:

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N/A

MATERIAL SAFETY DATA SHEET

Generated 02/11/2009, Revision 01/20/2009, Supersedes Revision 06/21/2007, Date Created 06/21/2007

SECTION 1. Product and Company Identification VIP FLY REPELLENT OINTMENT

Product Code: 2724-748-43591
Product Name: VIP FLY REPELLENT OINTMENT
Manufacturer Information
Company Name: Distributed by:
Veterinary Products Laboratories
P.O. Box 34820
Phoenix, AZ 85067-4820
Emergency Contact: CHEMTREC (800)424-9300
Information: (888)241-9545
Preparer Name: SFaith/Regulatory
Additional Identity Information
3006291

SECTION 2. Composition/Information on Ingredients VIP FLY REPELLENT OINTMENT

Hazardous Components (Chemical Name)	CAS #	Concentration	OSHA PEL	ACGIH TLV
BUTOXY POLYPROPYLENE GLYCOL	9003-13-8	10.0 %	No data.	No data.
Piperonyl butoxide	51-03-6	1.0 %	No data.	No data.
Pyrethrins	121-29-9	0.15 %	No data.	No data.

SECTION 3. Hazards Identification VIP FLY REPELLENT OINTMENT

Emergency Overview

EYES: May cause temporary discomfort.

SKIN: May cause mild skin irritation on extremely sensitive people.

ACUTE INHALATION: Contains materials which may irritate the nose, throat, and respiratory tract.

ORAL: Amounts transferred to the mouth by fingers, etc., during normal operations should not cause injury.

SYSTEMIC & OTHER EFFECTS: Headache, nausea, tingling of skin

COMMENT: Unnecessary exposure to this product, or any chemical, should be avoided.

Route(s) of Entry: Inhalation? No , Skin? No , Eyes? No , Ingestion? No

Potential Health Effects (Acute and Chronic)

No data available.

Signs and Symptoms Of Exposure

No data available.

SECTION 4. First Aid Measures VIP FLY REPELLENT OINTMENT

Emergency and First Aid Procedures

EYES: Wash repeatedly with cold water.

SKIN: Wash with soap and water.

INHALATION: Remove to fresh air.

ORAL: Do not induce vomiting or give anything by mouth to an unconscious person. If appreciable quantities are swallowed, consult a physician.

SECTION 5. Fire Fighting Measures VIP FLY REPELLENT OINTMENT

Flash Pt: NE

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: NE

Fire Fighting Instructions

No data available.

Flammable Properties and Hazards

No data available.

Hazardous Combustion Products

Products of combustion are principally carbon dioxide, carbon monoxide and water.

Extinguishing Media

No data available.

Unsuitable Extinguishing Media

No data available.

SECTION 6. Accidental Release Measures VIP FLY REPELLENT OINTMENT

Steps To Be Taken In Case Material Is Released Or Spilled

Soak up spill material with absorbent material. Scrub spill area with soap and water.

This product contains CERCLA listed chemicals.

SECTION 7. Handling and Storage VIP FLY REPELLENT OINTMENT

Precautions To Be Taken in Handling

EYES: None required

SKIN: Wash hands after handling material.

Precautions To Be Taken in Storing

Do not store above 130°F. Do not store near open flames. Keep out of reach of children.

SECTION 8. Exposure Controls/Personal Protection
VIP FLY REPELLENT OINTMENT

Respiratory Equipment (Specify Type)

No respiratory protection required when used according to label directions.

Eye Protection

None required.

Protective Gloves

None required.

Other Protective Clothing

Good practice requires that gross amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.

Engineering Controls (Ventilation etc.)

No data available.

SECTION 9. Physical and Chemical Properties
VIP FLY REPELLENT OINTMENT

Physical States:	[] Gas	[] Liquid	[X] Solid
Melting Point:	NA		
Boiling Point:	NA		
Autoignition Pt:	NE		
Flash Pt:	NE		
Explosive Limits:	LEL: No data.	UEL: No data.	
Specific Gravity (Water = 1):	0.900000		
Bulk density:	No data.		
Vapor Pressure (vs. Air or mm Hg):	<18 mm at 20.0 C		
Vapor Density (vs. Air = 1):	No data.		
Evaporation Rate (vs Butyl Acetate=1):	1.0Water = 1		
Solubility in Water:	No data.		
Percent Volatile:	52.0 % by volume.		
Heat Value:	No data.		
Particle Size:	No data.		
Corrosion Rate:	No data.		
pH:	No data.		

Appearance and Odor

White semi-solid with a pyrethroid odor.

SECTION 10. Stability and Reactivity
VIP FLY REPELLENT OINTMENT

Stability: Unstable [☐] Stable [☒]

Conditions To Avoid - Instability

None known.

Incompatibility - Materials To Avoid

None known.

Hazardous Decomposition Or Byproducts

Products of combustion are principally carbon dioxide, carbon monoxide and water.

Hazardous Polymerization: Will occur [☐] Will not occur [☒]

Conditions To Avoid - Hazardous Polymerization

None known

SECTION 11. Toxicological Information
VIP FLY REPELLENT OINTMENT

None known.

Carcinogenicity/Other Information

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
BUTOXY POLYPROPYLENE GLYCOL	9003-13-8	n.a.	n.a.	n.a.	n.a.
Piperonyl butoxide	51-03-6	n.a.	n.a.	n.a.	n.a.
Pyrethrins	121-29-9	n.a.	n.a.	n.a.	n.a.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

SECTION 12. Ecological Information
VIP FLY REPELLENT OINTMENT

None known.

SECTION 13. Disposal Considerations
VIP FLY REPELLENT OINTMENT

Waste Disposal Method

Empty containers may be discarded in trash. Full or leaking containers should be taken to a local disposal company for biological treatment or incineration. SPEER PRODUCTS suggests that all Local, State, and Federal Regulations concerning health and pollution be reviewed to determine approved disposal procedures. Do not contaminate water, food or feed by storage or disposal. Spills may be reportable to the National Response Center; (800-424-8802).

SECTION 14. Transport Information
VIP FLY REPELLENT OINTMENT

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name No data available.

SECTION 15. Regulatory Information
VIP FLY REPELLENT OINTMENT

No data available.

SECTION 16. Other Information
VIP FLY REPELLENT OINTMENT

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

A delayed health hazard

SARA 313 INFORMATION: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME CAS NUMBER CONCENTRATION

Piperonyl Butoxide 51-03-6 1.0%

Glycol Ethers 112-34-5 not more than .004%

Pyrethrins 121-29-9 1 lb RQ



SAFETY DATA SHEET

Issue Date 16-May-2017

Revision Date 14-Mar-2018

Version 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name Vet-Kem Clear Fly Repellent Ointment

Other means of identification

Product Code PBI FP 100531071

EPA Pesticide Registration Number 270-103-92895

Product Size 2oz. Jar

Recommended use of the chemical and restrictions on use

Recommended Use Repellent.

Uses advised against Avoid contact with eyes and skin. Keep out of the reach of children.

Details of the supplier of the safety data sheet

Manufacturer	Company Name
Farnam Companies, Inc.	PRN Pharmacal
1501 E. Woodfield Rd., Suite 200 West	8809 Ely Road
Schaumburg, IL 60173	Pensacola, FL 32514

Emergency telephone number

Emergency Telephone Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

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

Serious eye damage/eye irritation	Category 2B
Carcinogenicity	Category 2

Label elements

Emergency Overview

Warning

Hazard statements

Suspected of causing cancer. Causes eye irritation.



Appearance semi solid

Physical State @20°C Liquid

Odor Moderate Pleasant Wood like

Precautionary Statements - Prevention

- Obtain special instructions before use
- Do not handle until all safety precautions have been read and understood
- Use personal protective equipment as required
- Wash face, hands and any exposed skin thoroughly after handling

- Do not eat, drink or smoke when using this product
- Avoid breathing dust/fume/gas/mist/vapors/spray
- Use only outdoors or in a well-ventilated area

Precautionary Statements - Response

- IF exposed or concerned: Get medical advice/attention
- IF ON SKIN: Wash with plenty of soap and water
- Call a POISON CENTER or doctor/physician if you feel unwell
- Wash contaminated clothing before reuse
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
- Rinse mouth

Precautionary Statements - Storage

- Store locked up

Precautionary Statements - Disposal

- Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Exposure to airborne titanium dioxide is not expected to occur due to the physical form of this product. The finished product is not considered carcinogenic because there is little likelihood of airborne exposure to titanium dioxide

This product is toxic to aquatic organisms, including fish and invertebrates. Under United States Regulations (29 CFR 1910-1200 - Hazard Communication Standard), this product is considered hazardous.

Other Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS. Number	Weight %
Titanium Dioxide	13463-67-7	1
Di-n-propyl isochinchomeronate	136-45-8	1
Piperonyl butoxide	51-03-6	0.5
Pyrethrins	8003-34-7	0.2

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

4. FIRST AID MEASURES

First aid measures

General advice	If symptoms persist, call a physician.
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
Skin Contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
Inhalation	Move to fresh air in case of accidental inhalation of vapors or decomposition products. If symptoms persist, call a physician.
Ingestion	Rinse mouth, sip water afterwards. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician immediately.
Self-protection of the first aider	Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

In case of fire, use water fog, dry chemical, CO2 or "alcohol resistant" foam.

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 self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

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

Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. 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.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Use with local exhaust ventilation. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers. Keep out of the reach of children.

Incompatible materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Titanium Dioxide 13463-67-7	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ total dust	IDLH: 5000 mg/m ³
Pyrethrins 8003-34-7	TWA: 5 mg/m ³	TWA: 5 mg/m ³ (vacated) TWA: 5 mg/m ³	IDLH: 5000 mg/m ³ TWA: 5 mg/m ³

NIOSH IDLH Immediately Dangerous to Life or Health

Other Information

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering Controls

Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection

Tight sealing safety goggles. Face protection shield.

Skin and body protection

Chemical resistant gloves.

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.

General Hygiene Considerations

When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State @20°C
Appearance

Liquid
semi solid

Odor

Moderate Pleasant Wood like

Color

White to Off white

Odor threshold

No information available

Property

Values

Remarks • Method

pH

Melting point/freezing point

No information available

Boiling point / boiling range

No information available

Flash point

No information available

Evaporation rate

No information available

Flammability (solid, gas)

No information available

Flammability Limit in Air

Upper flammability limit:

No information available

Lower flammability limit:

No information available

Vapor pressure

No information available

Vapor density

No information available

Specific Gravity

.9

Water solubility

No information available

Solubility in other solvents

No information available

Partition coefficient

No information available

Autoignition temperature

No information available

Decomposition temperature

No information available

Oxidizing properties

No information available

Other Information

Density VALUE No information available

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Keep out of reach of children. Protect from direct sunlight.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

Thermal decomposition may produce oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation No data available.

Eye contact Mild eye irritation.

Skin Contact No data available.

Ingestion No data available.

Chemical Name	LD50 Oral VALUE (mg/kg)	LD50 Dermal VALUE	LC50 Inhalation (DUST) VALUE
Titanium Dioxide 13463-67-7	> 10000 mg/kg (Rat)	-	-
Di-n-propyl isochinchomeronate 136-45-8	= 5230 mg/kg (Rat)	= 9500 mg/kg (Rabbit) = 9400 mg/kg (Rat)	-
Piperonyl butoxide 51-03-6	= 6150 mg/kg (Rat) = 4570 mg/kg (Rat)	> 7950 mg/kg (Rat)	-
Pyrethrins 8003-34-7	= 200 mg/kg (Rat)	= 1350 mg/kg (Rat) = 300 mg/kg (Rabbit)	= 3.4 mg/L (Rat) 4 h

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Titanium Dioxide 13463-67-7		Group 2B		X
Piperonyl butoxide 51-03-6		Group 3		

Pyrethrins 8003-34-7		Group 2A		
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IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 2A - Probably Carcinogenic to Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Chronic toxicity	Avoid repeated exposure.
Target Organ Effects	lungs, Respiratory system.
Aspiration hazard	No information available.

Numerical measures of toxicity - Product Information

Unknown Toxicity	0 % of the mixture consists of ingredient(s) of unknown toxicity
LD50 Oral VALUE (mg/kg)	1030 mg/kg (female rats)
LD50 Dermal VALUE	2000 mg/kg (rat)
LC50 Inhalation (DUST) VALUE	3.4 mg/L (rat)

12. ECOLOGICAL INFORMATION

Ecotoxicity

2% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Pyrethrins 8003-34-7		0.054: 96 h Oncorhynchus mykiss mg/L LC50 0.0031 - 0.0038: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 0.02 - 0.03: 96 h Oncorhynchus mykiss mg/L LC50 static 0.0322 - 0.0472: 96 h Lepomis macrochirus mg/L LC50 static 0.003 - 0.0046: 96 h Lepomis macrochirus mg/L LC50 flow-through 0.074: 96 h Lepomis macrochirus mg/L LC50 0.0425 - 0.121: 96 h Pimephales promelas mg/L LC50 flow-through 0.224 - 0.458: 96 h Pimephales promelas mg/L LC50 static		

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

Toxic to aquatic organisms including fish and invertebrates

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
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Contaminated packaging

Do not reuse container, unless specified by the manufacturer.

14. TRANSPORT INFORMATION

DOT

Description

The following guidelines apply for domestic ground transport. If shipping by air or ocean, please contact our Transportation Dept.

Not regulated for transport under DOT regulations.

Insecticide or Repellent NMFC # 155050

In our current available sizes, this product does not qualify as a Hazardous Material.

15. REGULATORY INFORMATION

U.S. EPA Label Information

EPA Pesticide Registration Number 270-103-92895

Federal Insecticide, Fungicide, Rodenticide Act Regulations

This chemical is a pesticide product registered by the 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, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

EPA Pesticide Label

CAUTION: Keep out of reach of children

Not for human use. Wash hands after using. Wear long-sleeved shirt, long pants, shoes, and socks. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

International Inventories

TSCA	Not Listed
DSL/NDSL	Listed
EINECS/ELINCS	Listed
ENCS	Not Listed
IECSC	Not Listed
KECL	Not Listed
PICCS	Not Listed
AICS	Listed

Legend:

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

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances 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 Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Titanium Dioxide	X	X		X		X	X	X	X	X
Di-n-propyl isochinchomeronate		X		X		X				X
Piperonyl butoxide	X	X		X		X	X	X	X	X
Pyrethrins		X		X			X	X	X	X

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	SARA 313 - Threshold Values %
Di-n-propyl isochinchomeronate - 136-45-8	1.0
Piperonyl butoxide - 51-03-6	1.0

SARA 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 contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Pyrethrins 8003-34-7	1 lb			

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Pyrethrins 8003-34-7	1 lb		RQ 1 lb final RQ RQ 0.454 kg final RQ

US State Regulations**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Titanium Dioxide 13463-67-7	X	X	X
Di-n-propyl isochinchomeronate 136-45-8	X		
Piperonyl butoxide 51-03-6	X		
Pyrethrins 8003-34-7	X	X	X

International Regulations**Mexico - Grade**

Moderate risk, Grade 2

Chemical Name	Carcinogenicity	Exposure Limits
Titanium Dioxide		Mexico: TWA 10 mg/m ³ Mexico: STEL 20 mg/m ³
Pyrethrins		Mexico: TWA 5 mg/m ³ Mexico: STEL 10 mg/m ³

16. OTHER INFORMATION

<u>NFPA</u>	Health hazards 2	Flammability 0	Instability 0	Physical and Chemical Properties -
<u>HMIS</u>	Health hazards 2	Flammability 0	Physical hazards 0	Personal protection X

Disclaimer

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End of Safety Data Sheet