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## 1. Product and Company Identification

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<b>Product Name</b>	<b>PetArmor FastCaps</b>
<b>CAS #</b>	Mixture
<b>Product use</b>	Flea treatment
<b>Distributor</b>	Sergeant's Pet Care Products, Inc. 10077 South 134 <sup>th</sup> Street Omaha, NE 68138-3710 US Phone: 1-800-224-7387 Emergency Phone: 1-800-781-4738
<b>CHEMTREC</b>	1-800-424-9300

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## 2. Hazards Identification

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**Emergency overview**                      **CAUTION**

**Potential short term health effects**

<b>Routes of exposure</b>	Eyes, Skin, Ingestion, Inhalation.
<b>Eyes</b>	Does not cause irritation under normal use.
<b>Skin</b>	Does not cause irritation under normal use.
<b>Ingestion</b>	Does not cause irritation under normal use.
<b>Inhalation</b>	Does not cause irritation under normal use.
<b>Target organs</b>	Digestive tract.
<b>Chronic effects</b>	None known.
<b>Signs and symptoms</b>	Symptoms of overexposure may be headache, dizziness, tiredness, nausea, vomiting, diarrhea.

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## 3. Composition / Information on Ingredients

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<b>Ingredient(s)</b>	<b>CAS #</b>	<b>Percent</b>
Nitenpyram	120738-89-8	10 – 15

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## 4. First Aid Measures

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**First aid procedures**

<b>Eye contact</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if applicable, after the first 5 minutes, then continue rinsing eye. Obtain medical attention if irritation develops.
<b>Skin contact</b>	Wash with soap and water. Obtain medical attention if irritation develops.
<b>Inhalation</b>	If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
<b>Ingestion</b>	If you feel unwell, seek medical attention. Drink water as a precaution. Never give anything by mouth if victim is unconscious, or is convulsing.
<b>Notes to physician</b>	Treat patient symptomatically. No case of human poisoning is on record.
<b>General advice</b>	Non-hazardous under normal use conditions. If you feel unwell, seek medical advice (show label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. <b>KEEP OUT OF REACH OF CHILDREN.</b>

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## 5. Fire Fighting Measures

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<b>Flammable properties</b>	Non-Flammable per OSHA standards
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Water spray, foam, carbon dioxide or dry chemical.
<b>Unsuitable extinguishing media</b>	Not available
<b>Protection of firefighters</b>	
<b>Specific hazards arising from the chemical</b>	Keep nearby containers and equipment cool with a water stream.
<b>Protective equipment for firefighters</b>	Firefighters should wear full protective clothing including self contained breathing apparatus.
<b>Hazardous combustion products</b>	May include and are not limited to: Oxides of carbon and nitrogen.
<b>Explosion data</b>	
<b>Sensitivity to mechanical impact</b>	Not available
<b>Sensitivity to static discharge</b>	Not available

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## 6. Accidental Release Measures

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<b>Personal precautions</b>	Keep unnecessary personnel away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
<b>Environmental precautions</b>	Do not discharge into lakes, streams, ponds or public waters.
<b>Methods for containment</b>	Contain release if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.
<b>Methods for cleaning up</b>	Before attempting clean up, refer to hazard data and wear appropriate personal protective equipment (PPE). Collect spilled material without raising dust and place in suitable, covered, labeled containers. Never return spilled material to original container for re-use. After removal, flush contaminated area thoroughly with water. Contact emergency services and/or supplier for advice, if needed.

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## 7. Handling and Storage

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<b>Handling</b>	Use good industrial hygiene practices in handling this material. Take prudent precautions to avoid contact with skin, eyes, and clothing. Do not contaminate water, food, or feedstuffs by storage, handling, or disposal. Read and observe all precautions and instructions on the label. When using, do not eat or drink. Wash hands thoroughly after handling.
<b>Storage</b>	KEEP OUT OF REACH OF CHILDREN. Store upright in original container located in a cool, dry, well-ventilated area away from direct sunlight, and incompatible materials, such as strong acids, bases, and oxidizers.

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## 8. Exposure Controls / Personal Protection

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<b>Exposure limits Ingredient(s)</b>	<b>Exposure Limits</b>
Nitenpyram	<b>ACGIH-TLV</b> TWA: 3.0 mg/m <sup>3</sup> STEL: None <b>OSHA-PEL</b> TWA: None
<b>Engineering controls</b>	Mechanical ventilation may be required when exposure limits are exceeded or irritation develops.
<b>Personal protective equipment</b>	
<b>Eye / face protection</b>	No special protective equipment normally required.
<b>Hand protection</b>	No special protective equipment normally required.
<b>Skin and body protection</b>	No special protective equipment normally required.

<b>Respiratory protection</b>	Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice. When using, do not eat or drink. Wash hands before breaks and immediately after handling the product.

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## 9. Physical and Chemical Properties

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<b>Color</b>	White/Yellow
<b>Form</b>	Round tablet
<b>Odor</b>	Odorless
<b>Odor threshold</b>	Not available
<b>Physical state</b>	Solid
<b>pH</b>	Not applicable
<b>Freezing point</b>	Not available
<b>Pour point</b>	Not available
<b>Boiling point</b>	Not available
<b>Flash point</b>	Not available
<b>Evaporation rate</b>	Not available
<b>Flammability limits in air, lower, % by volume</b>	Not available
<b>Flammability limits in air, upper, % by volume</b>	Not available
<b>Vapor pressure</b>	Not applicable
<b>Vapor density</b>	Not applicable
<b>Specific gravity</b>	Not applicable
<b>Octanol/water coefficient</b>	Not available
<b>Solubility (H<sub>2</sub>O)</b>	Immiscible in water
<b>Auto-ignition temperature</b>	Not available
<b>Viscosity</b>	Not applicable
<b>VOC</b>	Not available

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## 10. Stability and Reactivity

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<b>Reactivity</b>	Light sensitive.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization is not expected to occur.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	Long term exposure to heat and direct sunlight. Do not mix with other chemicals.
<b>Incompatible materials</b>	Not compatible with strong acids, bases or oxidizers.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon

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## 11. Toxicological Information

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### Acute Toxicity:

<b>Inhalation – LC<sub>50</sub></b>	Not available
<b>Oral – LD<sub>50</sub></b>	> 5000 mg/kg (rat) - Derived from active ingredients.
<b>Dermal – LD<sub>50</sub></b>	> 2000 mg/kg (rat) - Derived from active ingredients.

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**Effects of acute exposure**

<b>Eye</b>	No eye irritation (rabbit). Derived from active ingredients.
<b>Skin</b>	No skin irritation (rabbit). Derived from active ingredients.
<b>Ingestion</b>	May cause digestive irritation if swallowed.
<b>Inhalation</b>	May cause respiratory irritation.
<b>Sensitization</b>	Negative (guinea pig). Derived from active ingredients.
<b>Chronic effects</b>	None known. Derived from active ingredients.
<b>Carcinogenicity</b>	Non-hazardous by OSHA criteria. Derived from active ingredients.
<b>Mutagenicity</b>	Non-hazardous by OSHA criteria. Derived from active ingredients.
<b>Reproductive effects</b>	Non-hazardous by OSHA criteria. Derived from active ingredients.
<b>Teratogenicity</b>	Non-hazardous by OSHA criteria. Derived from active ingredients.
<b>Synergistic Materials</b>	Not available

**12. Ecological Information**

<b>Ecotoxicity</b>	Components of this product have been identified as having potential environmental concerns.
<b>Toxicity to Fish:</b>	LC <sub>50</sub> > 1,000 mg/L/48hr Cyprinus carpio (Common carp), derived from active ingredients.
<b>Toxicity to Invertebrates:</b>	LC <sub>50</sub> > 10,000 mg/L/24hr Daphnia magna (water flea), derived from active ingredients. EC <sub>50</sub> > 100 mg/L/24hr Daphnia magna (water flea), derived from active ingredients.
<b>Environmental effects</b>	Not available
<b>Persistence / degradability</b>	Moderately biodegradable, derived from active ingredients.
<b>Bioaccumulation / accumulation</b>	Not available
<b>Partition coefficient</b>	Not available
<b>Mobility in environmental media</b>	Not available
<b>Chemical fate information</b>	Not available

**13. Disposal Considerations**

<b>Disposal instructions</b>	Review federal, state and local government requirements prior to disposal. IF COMPLETELY EMPTY, typically municipal landfill will be appropriate. Do not reuse or refill this container.
<b>Waste from residues / unused products</b>	Review federal, state and local government requirements prior to disposal. Dispose of in an incinerator approved for chemicals.
<b>Contaminated packaging</b>	Review federal, state and local government requirements prior to disposal. Dispose of in an incinerator approved for chemicals.

**14. Transport Information****U.S. Department of Transportation (DOT)****Basic shipping requirements:***Non-Regulated***Package Labels****IMDG (Marine Transport)****Basic shipping requirements:***Non-Regulated***IATA/ICAO (Air)****Basic shipping requirements:***Non-Regulated*

## 15. Regulatory Information

**US Federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**CERCLA (Superfund) reportable quantity**  
None

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**

Immediate Hazard - Yes  
 Delayed Hazard - No  
 Fire Hazard - No  
 Pressure Hazard - No  
 Reactivity Hazard - No

**Section 302 extremely hazardous substance**  
**Section 311 hazardous chemical** No

**Clean Air Act (CAA)** Not available  
**Clean Water Act (CWA)** Not available

**State regulations** This product *does not* contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**Inventory status**

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

## 16. Other Information

LEGEND HMIS	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	/ 1
Flammability	0
Physical Hazard	0
Personal Protection	X

**Disclaimer**

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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**Prepared by**

Sergeant's Regulatory Department

**Other information**

For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.

This MSDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.

Revision Date:  
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