

MATERIAL SAFETY DATA SHEET



For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident, Call CHEMTREC Day or Night: 1-800-424-9300
For Medical Emergencies Only, Call: 1-877-325-1840

Voluntary Purchasing Groups, Inc.
230 FM 87
Bonham, Texas 75418

Natural Guard® Organic Animal Repellent

Effective Date: August 20, 2009

1. PRODUCT AND COMPANY IDENTIFICATION:

PRODUCT: Natural Guard® Organic Animal Repellent

COMPANY IDENTIFICATION:

Voluntary Purchasing Groups, Inc.
230 FM 87
Bonham, TX. 75418

Emergency Contact: CHEMTREC 800-424-9300

2. INGREDIENTS:

CAS No.	Chemical Name	OSHA PEL	ACGIH TWA	Other Limits
N/A	Garlic, Cinnamon, Clove, White Pepper, Rosemary, Thyme, Peppermint	NE	NE	N/A
57-13-6	Urea	NE	NE	N/A
N/A	Water	N/A	N/A	N/A
471-34-1	Calcium Carbonate*	TWA = 15mg/m ³	TWA = 10 mg/m ³	N/A

* Exposure limits are based upon non-asbestos/non-silica total nuisance dust standard.

NE = None Established

Component Related Regulatory Information: This product does not contain hazardous materials.

3. PHYSICAL DATA:

Boiling Point:	Not Applicable
Specific Gravity (H₂O = 1.0):	2.83
Vapor Density:	Not Applicable
Vapor Pressure:	Not Applicable
Appearance & Odor:	White to gray-white granules with ammonia/garlic, cinnamon odor.
% Volatile by Volume:	Not Applicable
Evaporation Rate (Butyl Acetate = 1.0):	Not Applicable
Solubility in Water (% by wt.):	Insoluble
pH:	Not Applicable

4. FIRE AND EXPLOSION DATA:

Flash Point:	Not Applicable
Explosive Limit in Air (%):**:	Not Applicable
Autoignition Temp:	Not Applicable
National Fire Protection Association (NFPA) Hazard Rating:	
Rating for this product:	
Health: 0 Flammability: 0 Reactivity: 0	
Hazards Scale: 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe	

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Fire Fighting Materials:

Calcium Carbonate does not support combustion.
Unusual Fire & Explosion Hazard: None

5. HEALTH EFFECTS DATA:

Routes of Entry: Inhalation and dermal (skin contact) are the primary routes of exposure.

Signs & Symptoms of Acute Exposure: The primary health hazard listed for this type of product is adverse skin reaction can occur from extended contact to granules.

Inhalation: Inhalation may cause coughing and sneezing. Nasal passages can become irritated by repeated exposures.

Eye Contact: Calcium carbonate granules can cause irritation or mechanical damage to the eye surface.

Skin Contact: Extended skin contact can result in contact dermatitis or allergic skin sensitivity. Allergic reactions to skin sensitivity can result in anaphylactic reaction.

Ingestion: Is not considered a route of entry under normal conditions of use.

Chronic Overexposure: Excessive ingestion of calcium carbonate can result in alkalosis and hypocalcaemia.

This product does **NOT** contain any NTP, IARC or OSHA listed carcinogens.

Toxicological Information: Specific toxicological data for the materials used in the product are listed:

Acute Toxicity

Garlic, Cinnamon, Clove,
White Pepper, Rosemary,

Thyme, Peppermint: Not toxic

Calcium Carbonate: Not toxic

Urea: Not toxic

Chronic Toxicity

Garlic, Cinnamon, Clove,
White Pepper, Rosemary,

Thyme, Peppermint: Not toxic

Calcium Carbonate: Not toxic

Urea: Not toxic

6. REACTIVITY DATA:

Conditions Contributing to Instability: Stable under normal use conditions.

Incompatibility: Avoid contact with oxidizing agents.

Hazardous Decomposition Products: Thermal decomposition of urea produces gases of Nitrogen and Sulfur.

Conditions Contributing to Polymerization: Not Applicable.

7. USE PRECAUTIONS AND SAFE HANDLING:

Eye Contact: Avoid

Skin Contact: Avoid prolonged contact with the skin.

Inhalation: Avoid

Oxidizing Agents: Avoid Contact

Open Flame: Avoid

Shipping Description: Not a US DOT Hazardous Material or Canada Dangerous Good.

Storage & Handling: Eyes: Use goggles or safety glasses when spreading the material to avoid granules from entering the eyes. **Skin:** Wear appropriate work gloves to protect skin from extended contact. **Inhalation:** Depending upon material condition, wear NIOSH/MSHA approved respirator to prevent inhalation when spreading the material.

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8. EMERGENCY AND FIRST AID PROCEDURES:

Eye: Flush with water to remove granule particles. If irritation persists, get medical attention.

Skin: If a rash or persistent irritation or dermatitis occurs, get medical attention.

Inhalation: Remove to fresh air. If irritation is persistent, severe coughing or breathing difficulties occur, get medical attention.

Ingestion: Not a hazard under normal use of the product.

9. SPILL/LEAK CLEANUP PROCEDURES:

Transportation: This product is not a Hazardous Material as defined by US DOT.

Waste Disposal: This product is neither a hazardous waste under the Resource Conservation & Recovery Act (RCRA) nor a listed Hazardous Material under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). Dispose of the waste material in accordance with local, state and federal regulations.

Spill Actions: Clean up the material using normal equipment. This product is NOT a reportable substance under the US EPA and US DOT rules.

10. OTHER INFORMATION:

The information and statements in this Material Safety Data Sheet are believed to accurately reflect the scientific evidence used in making the hazard determination, but is not to be construed as a warranty or representation for which we assume legal responsibility. Additional information may be necessary or desirable depending on particular, exceptional or variable conditions or circumstances of use or storage or because of locally applicable laws or government regulations.

Therefore, you should use this information only as a supplement to other information available to you and must make independent determinations of the suitability of the information for your particular circumstances or conditions and of the completeness of the information available from all sources to assure both the proper use of the material described herein and the safety and health of employees.