

Material Safety Data Sheet (MSDS)

Weiser Group, LLC

PRODUCT IDENTIFICATION and COMPANY INFORMATION

Product Names: Nature's Defense
Synonyms: Mouse and Rat Repellent
CAS Number: None
Formula: Mixture
Chemical Name: Not Applicable
Description: Product produced from garlic, cinnamon, clove, white pepper, rosemary, thyme, peppermint, urea, water and calcium carbonate.
Manufacturer Information: Weiser Group, LLC
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Original Form Date: 7-1-10
Last Revision Date: NA
Previous Revision Date: NA

SECTION I - SECTION II - COMPOSITION/HAZARDOUS INGREDIENTS

Ingredient Name	CAS No.	OSHA PEL	ACGIH TWA	OTHER
Garlic, Cinnamon, Clove, White Pepper, Rosemary, Thyme, Peppermint	NA	None Established	None Established	N/A
Urea	57-13-6	None Established	None Established	N/A
Water	N/A	N/A	N/A	N/A
Calcium Carbonate*	471-34-1	TWA = 15mg/m ³	TWA = 10 mg/m ³	N/A

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

Component Related Regulatory Information

This product does not contain hazardous materials.

SECTION III - PHYSICAL DATA

Boiling Point: Not Applicable
Specific Gravity: 2.83
(H₂O = 1.0)
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: Not Applicable
(Butyl Acetate = 1.0)
Solubility in Water (% by wt.): Insoluble
pH: Not Applicable

SECTION IV - FIRE & EXPLOSION DATA

Flash Point:	Not Applicable	Explosive Limit in Air (%):**:	N/A
Autoignition Temp:	Not Applicable		
NFPA Codes		Fire Fighting Materials:	
Health	0		
Reactivity	0	Calcium Carbonate does not support combustion.	
Contact	1 - slight		
Flammability	0	Unusual Fire & Explosion Hazard:	None

SECTION V - 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 hypercalcemia.

The Nature's Defense 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:

Calcium Carbonate: Not toxic
Urea: Not toxic.

Chronic Toxicity

Garlic, Cinnamon, Clove, White Pepper, Rosemary, Thyme, Peppermint:

Calcium Carbonate: Not toxic
Urea: Not toxic.

SECTION VI - 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.

SECTION VII - PRECAUTIONS & 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 USDOT 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.
Safety Equipment:	

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.

SECTION VIII - EMERGENCY & 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.

SECTION IX - SPILL/LEAK CLEAN-UP PROCEDURES

Transportation:	The Nature's Defense product is not a Hazardous Material as defined by USDOT.
Waste Disposal:	The Nature's Defense 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. The Nature's Defense product is NOT a reportable substance under the USEPA and USDOT rules.

SECTION X - OTHER INFORMATION

Notice: The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. However, no warranty, expressed or implied is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State and local laws. This information is furnished for the purpose of compliance with the Occupational Safety & Health Act of 1970, and shall not be used for any other purpose.

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