

Safety Data Sheet

Acc. To OSHA HCS (29 CFR 1910.1200)

May 21, 2015
Trade Name: RatX™

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1. Identification:

Product Identifier

Trade Name: RatX™

Recommended use and restriction of use:

Recommended use: FIFRA 25(b) Pesticide for mice and rats

Restrictions on use: Use only as directed

Details of supplier/manufacturer of Safety Data Sheet:

EcoClear Products
4975 City Hall Blvd 7474
North Port, FL 34290
(914) 376-7387

Emergency Telephone number:

ChemTel, Inc. Contract# MIS0008092
(800) 255-3924, 1+ (813) 248-0585

2. Hazard(s) Identification:

Classification of substances or mixture

Additional Information:

Hazard-determining components of labeling: None

Hazard statements: None

Precautionary statements: None

Hazard description:

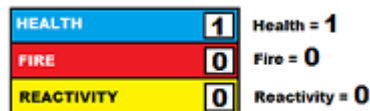
WHMIS symbols: D2B

Classification system:

NFPA Ratings (scale 0-4)



HMIS Ratings (scale 0-4)



Other Hazards:

Results of PBT and vPvB assessment:

PBT: Not Applicable

vPvB: Not Applicable

3. Composition/Information on Ingredients:

Chemical characterizations: Blend

Description: 100% natural fractions (no CAS# has been assigned to this product)

Additional information: For the listed ingredients, the identity and exact percentages are being withheld as a trade secret.

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4. First-aid Measures:

Description of first-aid measures:

General information:

After inhalation: Supply fresh air; consult a doctor in case of complaints.

After skin contact: Immediately rinse with water. If irritation continues, consult a doctor.

After eye contact: Remove contacts lenses if worn, if possible. Rinse opened eye(s) for several minutes with running water.

After swallowing: Rinse out mouth and then drink plenty of water. Do not induce vomiting; immediately call for medical help.

Information for doctor: None

5. Fire-fighting Measures:

Extinguishing Media

Suitable extinguishing agents: CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: None.

Special hazards arising from the substance or mixture: Vapor from fire may be harmful

Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information: No further relevant information available

6. Accidental Release Measures:

Personal precautions, protective equipment and emergency procedures:

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation.

Environmental precautions: None Known

Methods and materials for containment and clean up: Dispose contaminated material as waste according to Sec. 13

Reference to other section: Refer to Sec. 7, 8, and 13.

7. Handling and Storage:

Handling:

Precautions for safe handling:

Avoid contact with eyes and skin.

Wash hands before breaks and at the end of work.

Use personal protective equipment as required

Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including and incompatibilities: Avoid extreme heat or cold

Storage:

Requirements to be met by storerooms and receptacles:

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Store only in original receptacle and do not reuse containers

Information about storage in one common storage facility:

Further information about storage conditions: Store in cool, dry conditions in well-sealed receptacles.

Specific end uses: No further relevant information available

8. Exposure Controls/Personal Protection:

Additional information about design of technical systems: No further data; see item 7

Control parameters:

Components with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists that were valid during the creation were used as the basis.

Exposure controls:

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed

Keep away from foodstuff, beverages and feed

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work

Avoid contact with the eye and skin

Use only in well ventilated areas.

Engineering controls:

Breathing equipment: None under normal use. Avoid nuisance dust

Protection of hands:



Material of gloves: Rubber or neoprene is acceptable

Penetration time of glove material: Not known

Eye protection:



Body protection: Normal work cloths

Limitation and supervision of exposure into the environment: No further relevant information available

9. Physical and Chemical Properties:

Information on basic physical and chemical properties

General information:

Appearance:

Form: pellets

Color: tan to grey

Odor: Odorless

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pH value: 1% in water = 7.3

Auto igniting: Product is not self-igniting

Danger of explosion: Only due to nuisance dust

Explosion limits:

Lower: 200 mesh corn cob dust cloud

Upper: Not determined

Density at 20 C (F): 1.3 grams/cm³

Relative density: Not determined

Solubility/miscibility with water: 7.4 – 9.5 %

Solvent content:

VOC (California): 0%

Other information: No further relevant information available

10. Stability and Reactivity:

Reactivity:

Chemical Stability

Thermal decomposition/conditions to be avoided: No decomposition if used and stored according to specifications

Possibility of hazardous reactions: Not determined

Conditions to avoid: Extreme heat and cold

Incompatible materials: No further relevant information available

Hazardous decomposition components: None known

11. Toxicological Information:

Information on toxicological effects

Acute toxicity:

LD/LC 50 values that are relevant for classification:

Oral	LD50	100 mg/kg (Rat)
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Primary irritant effect

On skin: Can cause skin irritation

On eyes: Dust can cause eye irritation

Sensitization: No sensitizing effects known

Sub-acute to chronic toxicity: No further relevant information available

Additional toxicological information:

Carcinogenic categories

NTP (National Toxicology Program): None of the ingredients is listed

OSHA-Ca (Occupational Safety and Health Administration): No further relevant information available

Probable routes of exposure

Acute effects (acute toxicity, irritation and corrosivity):

Repeated Dose Toxicity: No further relevant information available

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12. Ecological information:

Toxicity

Aquatic toxicity: No further relevant information available

Persistence and degradability:

Behavior in environmental system

Bio-accumulative potential: No further relevant information available

Mobility in soil: No further relevant information available

Additional ecological information:

General notes: Do not allow undiluted product or large quantities of product to reach ground water, water course or sewage systems.

13. Disposal Considerations:

Waste treatments methods

Recommendation:

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

Un-cleaned packaging:

Recommendations: Disposal must be made according to official regulations

Recommended cleansing agent: Water, if necessary with cleansing agents

14. Transport information:

UN-Number: Not regulated

Transport hazard class(s)

DOT: Not regulated

Environmental hazards:

Marine pollutant: No

15. Regulatory information:

Safety, health and environmental regulation/legislation specific for the substance or mixture (USA)

SARA

Section 355 (extremely hazardous substances): None of ingredients are listed

Section 313 (Specific toxic chemical listings): None of ingredients are listed

TSCA (Toxic Substance Control Act): All of ingredients are listed

Prop 65 (California)

Chemicals known to cause cancer: None of ingredients are listed

Chemicals known to cause reproductive toxicity for females: None of ingredients are listed

Chemicals known to cause reproductive toxicity for males: None of ingredients are listed

Chemicals known to cause developmental toxicity: None of ingredients are listed

Carcinogenic Categories

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EPA (Environmental Protection Agency): None of ingredients are listed

IARC (International Agency for Research on Cancer):

TVL (Threshold Limit Value established by ACGIH):

NIOSH-Ca (National Institute for Occupational Safety and Health): None of ingredients are listed

State Right to Know Listings: None of ingredients are listed

Canadian substance listings

Canadian Domestic Substances List (DSL): All ingredients are listed.

Canadian Ingredient Disclosure list (limit 0.1%): None of the ingredients is listed.

Canadian Ingredient Disclosure list (limit 1%): None of the ingredients is listed.

Other regulations, limitations and prohibitive regulation:

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and SDS contains all the information required by the Controlled Products Regulations.

Chemical safety assessment: A Chemical Safety Assessment has not be carried out.

16. Other information:

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific products features and shall not establish a legally valid contractual relationship.

The health hazards given on the Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

Company warrants that the product or products described herein will conform to its published specifications. The products supplied by the company and information related to them are intended for use by buyers having necessary industrial skill and knowledge. Buyers should undertake sufficient verification and testing to determine the suitability of the Company's materials for their own particular purpose. Since buyer's conditions of use of product are beyond Company's control, Company does not warrant any recommendations and information for the use of such products. Company disclaims all other warranties including the implied warranty of merchantability and fitness for any particular purpose in connection with the use of its products.

Date of preparation/last revision: 5/21/2015