

1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 370-0600
Product Name: Award Turf Fertilizer with Bifenthrin 0.069% 14-0-0 50% RXN
Reference #: 228-435-57131
Company Name: Eau Claire Coop Oil Company
 P.O. Box 837
 Eau Claire, WI 54702

Emergency Contact: Chemtrec (800)424-9300
Information: Product Related (715)876-6422

2. HAZARDS IDENTIFICATION

Serious Eye Damage/Eye Irritation, Category 2A

Acute Toxicity: Inhalation, Category 4

Acute Toxicity: Oral, Category 4

Skin Corrosion/Irritation, Category 2



GHS Signal Word: **Warning**

GHS Hazard Phrases: Causes serious eye irritation.
 Harmful if inhaled.
 Harmful if swallowed.
 Causes skin irritation.

GHS Precaution Phrases: Wash hands thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.
 Use only outdoors or in a well-ventilated area.
 Avoid breathing dust/fume/gas/mist/vapours/spray.
 Do not eat, drink or smoke when using this product.
 Take off contaminated clothing and wash it before reuse.
 Keep out of reach of children.

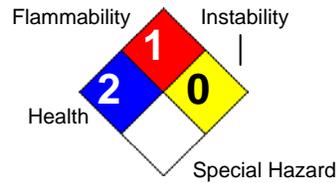
GHS Response Phrases: IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If eye irritation persists, get medical advice/attention.
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 Call a POISON CENTER/doctor/physician if you feel unwell.
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 Rinse mouth.
 IF ON SKIN: Wash with plenty of soap and water.
 If skin irritation persists, get medical advice/attention.

GHS Storage and Disposal Phrases: Dispose of contents/container in accordance with local/regional/national/international regulations.

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Hazard Rating System:

**Potential Health Effects
(Acute and Chronic):**

May cause respiratory tract irritation.
Not expected to be a chronic hazard.

Inhalation:

May be harmful if inhaled. Acute: May cause respiratory tract irritation.

Skin Contact:

May cause skin irritation. May be harmful if absorbed through the skin.

Eye Contact:

May cause eye irritation. Dust may cause mechanical irritation.

Ingestion:

May be harmful if swallowed. May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| CAS # | Hazardous Components (Chemical Name) | Concentration |
|------------|--------------------------------------|---------------|
| NA | Other Non-Hazardous Ingredients | 2.0 -85.0 % |
| 16389-88-1 | Dolomitic limestone | 2.0 -85.0 % |
| 82657-04-3 | Bifenthrin | 0.069 % |
| 57-13-6 | Urea | 11.0 -92.0 % |

4. FIRST AID MEASURES**Emergency and First Aid****Procedures:**

Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. Get medical aid if cough or other symptoms appear.

In Case of Inhalation:

Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse. Wash off with soap and plenty of water.

In Case of Skin Contact:**In Case of Eye Contact:**

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid if irritation develops and persists.

In Case of Ingestion:

If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. For further assistance, contact your local Poison Control Center 1-800-222-1222.

Note to Physician:

Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES**Flash Pt:**

No data.

Explosive Limits:

LEL: No data.

UEL: No data.

Autoignition Pt:

No data.

Suitable Extinguishing Media: Substance is noncombustible; use agent most appropriate to extinguish surrounding fire. Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Fire Fighting Instructions:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use extinguishing media appropriate to surrounding fire conditions. Substance is noncombustible. Decomposes at high temperatures, resulting in toxic and corrosive products. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

Flammable Properties and Hazards:

No data available.

6. ACCIDENTAL RELEASE MEASURES

| | |
|---|---|
| Environmental Precautions: | Prevent further leakage or spillage if safe to do so. Do not let product enter drains or waterways. Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal. Avoid generating dusty conditions. Provide ventilation. |
| Steps To Be Taken In Case Material Is Released Or Spilled: | Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Avoid breathing dust. Ensure adequate ventilation. Evacuate personnel to safe areas. Do not let this chemical enter the environment. |

7. HANDLING AND STORAGE

| | |
|---|---|
| Precautions To Be Taken in Handling: | Keep container tightly closed. Avoid ingestion and inhalation. Use with adequate ventilation. Wash clothing before reuse. Avoid breathing dust, mist, or vapor. Wash hands thoroughly after handling. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. |
| Precautions To Be Taken in Storing: | Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances, inaccessible to children and domestic animals. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| CAS # | Partial Chemical Name | OSHA TWA | ACGIH TWA | Other Limits |
|------------|---------------------------------|-------------------------------------|---|--------------|
| NA | Other Non-Hazardous Ingredients | No data. | No data. | No data. |
| 16389-88-1 | Dolomitic limestone | PEL: 15 Total 5 Respirable mg/m3 | TLV: 10 total 5 Respirable mg/m3 | No data. |
| 82657-04-3 | Bifenthrin | No data. | No data. | No data. |
| 57-13-6 | Urea | PEL: PNOR 15 Total 5 Resp. mg/m3 | TLV: PNOS 10 Inhalable 3 Resp. mg/m3 | No data. |

| | |
|---|--|
| Respiratory Equipment (Specify Type): | A respiratory protection program that meets OSHA's 29 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. |
| Eye Protection: | Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 |
| Protective Gloves: | Wear appropriate protective gloves to prevent skin exposure. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. |
| Other Protective Clothing: | Wear appropriate protective clothing to prevent skin exposure. |
| Engineering Controls (Ventilation etc.): | Use adequate ventilation to keep airborne concentrations low. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. |
| Work/Hygienic/Maintenance Practices: | Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. |

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9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|------------------------------------|-----------------|---------------|-------------|
| Physical States: | [] Gas | [] Liquid | [X] Solid |
| Appearance and Odor: | Various Colors. | | |
| Melting Point: | No data. | | |
| Boiling Point: | No data. | | |
| Autoignition Pt: | No data. | | |
| Flash Pt: | No data. | | |
| Explosive Limits: | LEL: No data. | UEL: No data. | |
| Specific Gravity (Water = 1): | No data. | | |
| Vapor Pressure (vs. Air or mm Hg): | No data. | | |
| Vapor Density (vs. Air = 1): | No data. | | |
| Evaporation Rate: | No data. | | |
| Solubility in Water: | No data. | | |
| Percent Volatile: | No data. | | |

10. STABILITY AND REACTIVITY

| | | |
|--|---|----------------------|
| Stability: | Unstable [] | Stable [X] |
| Conditions To Avoid - Instability: | dust generation, Incompatible materials. | |
| Incompatibility - Materials To Avoid: | Strong acids, Strong bases, Strong oxidizing agents, Sodium hypochlorite, Calcium hypochlorite, Hydrogen fluoride, Sodium nitrate, Nitrosyl Perchlorate, DICHROMATES, Liquid chlorine, Nitrates, Permanganates, Chromyl chloride, No significant incompatibilities identified with common materials and contaminants. | |
| Hazardous Decomposition Or Byproducts: | Oxides of phosphorus, Nitrogen oxides (NOx) and ammonia (NH3), Carbon monoxide, Oxides of nitrogen, Carbon dioxide, Oxides of sulfur, Oxides of potassium, Hydrogen cyanide, Hydrogen chloride. | |
| Possibility of Hazardous Reactions: | Will occur [] | Will not occur [X] |
| Conditions To Avoid - Hazardous Reactions: | No data available. | |

11. TOXICOLOGICAL INFORMATION

| | |
|------------------------------------|---|
| Toxicological Information: | CAS# 82657-04-3: Bifenthrin: Acute toxicity, LD50, Dermal, Rabbit, 2000. MG/KG. Acute toxicity, LD50, Oral, Rat, 377.0 MG/KG. Acute toxicity, LC50, Inhalation, Rat, 7.120 MG/L. |
| Irritation or Corrosion: | Experience to date indicates that contact with large doses of bifenthrin may occasionally produce skin sensations such as rashes, numbing, burning or tingling. These sensations are reversible and usually subside within 12 hours. |
| Carcinogenicity/Other Information: | Bifenthrin is not recognized as carcinogenic by IARC, NTP, OSHA, ACGIH. Did not show carcinogenic effects in animal experiments. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. Additional studies are needed to determine whether the cell transforming activity of quartz is related to its carcinogenic potential. |

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| CAS # | Hazardous Components (Chemical Name) | NTP | IARC | ACGIH | OSHA |
|------------|--------------------------------------|------|------|-------|------|
| NA | Other Non-Hazardous Ingredients | n.a. | n.a. | n.a. | n.a. |
| 16389-88-1 | Dolomitic limestone | n.a. | n.a. | n.a. | n.a. |
| 82657-04-3 | Bifenthrin | n.a. | n.a. | n.a. | n.a. |
| 57-13-6 | Urea | n.a. | n.a. | n.a. | n.a. |

12. ECOLOGICAL INFORMATION

General Ecological Information:

This pesticide is extremely toxic to fish and aquatic invertebrates. To protect the environment, DO NOT allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on the driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage system.

Persistence and Degradability:

No data available.

Bioaccumulative Potential:

No data available.

Mobility in Soil:

No data available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method:

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging.
Dispose of as unused product.

14. TRANSPORT INFORMATION

GHS Classification:

Serious Eye Damage/Eye Irritation, Category 2A - Warning! Causes serious eye irritation
 Acute Toxicity: Inhalation, Category 4 - Warning! Harmful if inhaled
 Acute Toxicity: Oral, Category 4 - Warning! Harmful if swallowed
 Skin Corrosion/Irritation, Category 2 - Warning! Causes skin irritation

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name:

DOT Hazard Class:

UN/NA Number:

15. REGULATORY INFORMATION

| CAS # | Hazardous Components (Chemical Name) | Other US EPA or State Lists |
|------------|--------------------------------------|---|
| NA | Other Non-Hazardous Ingredients | CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No; CA TAC, Title 8: No; WI Air: No |
| 16389-88-1 | Dolomitic limestone | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Inventory; CA PROP.65: No; CA TAC, Title 8: No; WI Air: No |
| 82657-04-3 | Bifenthrin | CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No; CA TAC, Title 8: No; WI Air: No |
| 57-13-6 | Urea | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Inventory, 8A CAIR; CA PROP.65: No; CA TAC, Title 8: No; WI Air: No |

Regulatory Information:

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:

CAUTION: Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

16. OTHER INFORMATION

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Additional Information About No data available.

This Product:

Company Policy or

Disclaimer:

This Safety Data Sheet (SDS) is to be used as a reference to address the safe handling of the product. All statements, technical information and recommendations contained herein are to the best of our knowledge, reliable and accurate. This SDS is not intended to make any representation as to how the product will perform when used as intended. Nothing in this SDS is intended to be a representation or warranty by the manufacturer with regard to accuracy, safety, usefulness, technical information, materials, techniques, or practices. This product is sold "AS IS" and nothing in this SDS should be deemed to be a representation or warranty of any injury, loss, or damage of any kind sustained by, or arise from, the use of this product.