

1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 544-3810
Product Name: Award Turf Fertilizer Q3 Weed & Feed 20-0-8 25% PCSCU
Reference #: 2217-992-57131
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

Acute Toxicity: Inhalation, Category 4
Serious Eye Damage/Eye Irritation, Category 2
Skin Corrosion/Irritation, Category 2
Acute Toxicity: Oral, Category 4



GHS Signal Word: **Warning**

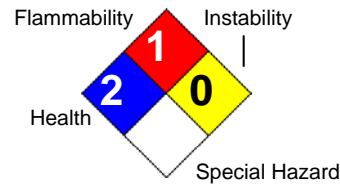
GHS Hazard Phrases: Harmful if inhaled.
Causes serious eye irritation.
Causes skin irritation.
Harmful if swallowed.

GHS Precaution Phrases: Use only outdoors or in a well-ventilated area.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash hands thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
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 INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Call a POISON CENTER or doctor/physician if you feel unwell.
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 ON SKIN: Wash with plenty of soap and water.
If skin irritation persists, get medical advice/attention.
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
Rinse mouth.

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

Hazard Rating System:

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

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

Inhalation:

Causes respiratory tract irritation. May be harmful if inhaled. Inhalation of dust may cause respiratory tract irritation.

Skin Contact:

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

Eye Contact:

Dust may cause mechanical irritation.
May cause eye 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
57-13-6	Urea	11.0 -92.0 %
16389-88-1	Dolomitic limestone	2.0 -85.0 %
NA	Other Non-Hazardous Ingredients	2.0 -85.0 %
7447-40-7	Potassium chloride	4.0 -70.0 %
94-75-7	2,4-Dichlorophenoxyacetic acid	0.675 %
84087-01-4	Quinclorac	0.294 %
1918-00-9	Dicamba acid (3,6-Dichloro-o-anisic acid)	0.06 %

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.

In Case of Inhalation:**In Case of Skin Contact:**

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

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 or 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. Method Used: Estimate
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 chemical 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

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. Avoid generating dusty conditions. Provide ventilation. Do not let this chemical enter the environment.
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7. HANDLING AND STORAGE

Precautions To Be Taken in Handling:	Wash hands thoroughly after handling. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Use with adequate ventilation. Wash clothing before reuse. Avoid breathing dust, mist, or vapor.
Precautions To Be Taken in Storing:	Keep container closed when not in use. 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
57-13-6	Urea	PEL: PNOR 15 Total 5 Resp. mg/m3	TLV: PNOS 10 Inhalable 3 Resp. mg/m3	No data.
16389-88-1	Dolomitic limestone	PEL: 15 Total 5 Respirable mg/m3	TLV: 10 total 5 Respirable mg/m3	No data.
NA	Other Non-Hazardous Ingredients	No data.	No data.	No data.
7447-40-7	Potassium chloride	PEL: PNOR 15 Total 5 Resp. mg/m3	TLV: PNOS 10 Inhalable 3 Resp. mg/m3	No data.
94-75-7	2,4-Dichlorophenoxyacetic acid	PEL: 10 mg/m3	TLV: 10 mg/m3	No data.
84087-01-4	Quinclorac	No data.	No data.	No data.
1918-00-9	Dicamba acid (3,6-Dichloro-o-anisic acid)	No data.	No data.	No data.

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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 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.):	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	<input type="checkbox"/> Gas	<input type="checkbox"/> Liquid	<input checked="" type="checkbox"/> Solid
Appearance and Odor:	Various Colors.		
Melting Point:	No data.		
Boiling Point:	No data.		
Autoignition Pt:	No data.		
Flash Pt:	No data. Method Used: Estimate		
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 <input type="checkbox"/> Stable <input checked="" type="checkbox"/>
Conditions To Avoid - Instability:	Incompatible materials, dust generation.
Incompatibility - Materials To Avoid:	Strong acids, Strong bases, Strong oxidizing agents, Sodium hypochlorite, Calcium hypochlorite, Hydrogen flouride, 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). oxides of sulfur, Oxides of potassium, Carbon monoxide, oxides of nitrogen, Carbon dioxide.
Possibility of Hazardous Reactions:	Will occur <input type="checkbox"/> Will not occur <input checked="" type="checkbox"/>
Conditions To Avoid - Hazardous Reactions:	No data available.

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11. TOXICOLOGICAL INFORMATION

Toxicological Information: CAS# 94-75-7: 2,4-Dichlorophenoxyacetic acid:
 Acute toxicity, LD50, Oral, Rat, 699.0 MG/KG.
 Acute toxicity, LD50, Dermal, Rabbit, 2000. MG/KG.
 Acute toxicity, LC50, Inhalation, Rat, 1.790 MG/L, 4 H.
 CAS# 1918-00-9: Dicamba acid (3,6-Dichloro-o-anisic acid):
 Acute toxicity, LD50, Oral, Rat, 1707. MG/KG.
 Acute toxicity, LD50, Dermal, Rat, 2000. MG/KG.
 Acute toxicity, LC50, Inhalation, Rat, 9.600 MG/L, 4 H.

Carcinogenicity/Other Information: 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 to determine whether the cell transforming activity of quartz is related to its carcinogenic potential.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
57-13-6	Urea	n.a.	n.a.	n.a.	n.a.
16389-88-1	Dolomitic limestone	n.a.	n.a.	n.a.	n.a.
NA	Other Non-Hazardous Ingredients	n.a.	n.a.	n.a.	n.a.
7447-40-7	Potassium chloride	n.a.	n.a.	n.a.	n.a.
94-75-7	2,4-Dichlorophenoxyacetic acid	n.a.	2B	A4	n.a.
84087-01-4	Quinclorac	n.a.	n.a.	n.a.	n.a.
1918-00-9	Dicamba acid (3,6-Dichloro-o-anisic acid)	n.a.	n.a.	n.a.	n.a.

12. ECOLOGICAL INFORMATION

General Ecological Information: This chemical is toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

These chemicals (2,4-D and dicamba) have properties and characteristics associated with chemicals detected in groundwater. The use of these chemicals in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

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. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
 RCRA P-Series: None listed.
 RCRA U-Series: None listed.

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14. TRANSPORT INFORMATION

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

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated.

DOT Hazard Class:

UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.

15. REGULATORY INFORMATION

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
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
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
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
7447-40-7	Potassium chloride	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Inventory; CA PROP.65: No; CA TAC, Title 8: No; WI Air: No
94-75-7	2,4-Dichlorophenoxyacetic acid	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Inventory, 4 Test; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; WI Air: Yes
84087-01-4	Quinclorac	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No; CA TAC, Title 8: No; WI Air: No
1918-00-9	Dicamba acid (3,6-Dichloro-o-anisic acid)	CAA HAP,ODC: No; CWA NPDES: Yes; TSCA: No; CA PROP.65: No; CA TAC, Title 8: Title 8; 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: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

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

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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.