SAFETY DATA SHEET
TCS Elegant Garden Weed Preventer

Printed: 03/07/2021
Revision: 03/07/2021
Supersedes Revision: 03/13/2018

1. Product and Company Identification

Product Code: 903783
Product Name: TCS Elegant Garden Weed Preventer
Trade Name: Weed Preventer

Company Name: Turf Care Supply Corp.
50 Pearl Road
Suite 200
Brunswick, OH 44212

Phone Number: 1 (330)558-0910

Web site address: www.turfcaresupply.com
Email address: regaffairs@tcscusa.com

Emergency Contact: PERS — 1 (800)633-8253

Information: Turf Care Supply Corp. — 1 (330)558-0910

2. Hazards Identification

Skin Sensitization, Category 1
Carcinogenicity, Category 2
Aquatic Toxicity (Acute), Category 1
Aquatic Toxicity (Chronic), Category 1
Skin Corrosion/Irritation, Category 2
Aspiration Toxicity, Category 1

GHS Signal Word: **Danger**

GHS Hazard Phrases:
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H351: Suspected of causing cancer {state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard}.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.

GHS Precautionary Phrases:
P202: Do not handle until all safety precautions have been read and understood.
P261: Avoid breathing {dust/fume/gas/mist/vapors/spray}.
P264: Wash {hands} thoroughly after handling.
P272: Contaminated work clothing should not be allowed out of the workplace.
P273: Avoid release to the environment.
P280: Wear {protective gloves/protective clothing/eye protection/face protection}.

GHS Response Phrases:
P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+352: IF ON SKIN: Wash with plenty of soap and water.
P308+313: IF exposed or concerned: Get medical attention/advice.
P332+313: If skin irritation occurs, get medical advice/attention.
P333+313: If skin irritation or rash occurs, seek medical advice/attention.
P362: Take off contaminated clothing and wash before re-use.
P363: Wash contaminated clothing before reuse.

GHS Storage and Disposal Phrases: No phrases apply.

Inhalation: May cause respiratory tract irritation.

Skin Contact: May be harmful if absorbed through the skin. Causes skin irritation.

Eye Contact: Causes eye irritation.

Ingestion: Harmful if swallowed.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
1317-65-3	Limestone	48.0 - 50.0 %
65996-61-4	Cellulose and other carbohydrates	18.0 - 20.0 %
9005-53-2	Lignin	6.00 - 8.00 %
1582-09-8	Trifluralin	1.47 %
14808-60-7	Quartz	0.350 - 0.370 %
64742-04-7	Mineral oil, petroleum extracts, light parrafinic distillate solvent	0.150 - 0.160 %

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation: If breathed in, move person into fresh air. If not breathing give artificial respiration.

In Case of Skin Contact: Wash off with soap and plenty of water. Consult a physician.

In Case of Eye Contact: Rinse thoroughly with plenty of water for at least {15} minutes and consult a physician.

In Case of Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Signs and Symptoms Of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Note to Physician: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

5. Fire Fighting Measures

Flash Pt: 100 C Method Used: Estimate

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: NA

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

Fire Fighting Instructions: Wear self contained breathing apparatus for fire fighting if necessary.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled:

Personal precautions.
Use personal protective equipment.
Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.

Environmental precautions.
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Discharge into the environment must be avoided.

Methods for cleaning up.
Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

7. Handling and Storage

Precautions To Be Taken in Handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols.
Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Precautions To Be Taken in Storing: Keep container tightly closed in a dry and well-ventilated place.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1317-65-3	Limestone	PEL: 15 (dust); 5 (resp.) mg/m3	No data.	No data.
65996-61-4	Cellulose and other carbohydrates	No data.	No data.	No data.
9005-53-2	Lignin	No data.	No data.	No data.
1582-09-8	Trifluralin	No data.	No data.	No data.
14808-60-7	Quartz	PEL: 50 ug/m3	TLV: 0.05 mg/m3 (R)	No data.
64742-04-7	Mineral oil, petroleum extracts, light parrafinic distillate solvent	No data.	No data.	No data.

Respiratory Equipment (Specify Type):	Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN {143)} respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Eye Protection:	Safety glasses.
Protective Gloves:	Handle with gloves.
Other Protective Clothing:	Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Engineering Controls (Ventilation etc.):	No data available.
Work/Hygienic/Maintenance Practices:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. Physical and Chemical Properties

Physical States:	[ ] Gas [ ] Liquid [X] Solid
Appearance and Odor:	Granular Slight earthy odor
pH:	No data.
Melting Point:	NA
Boiling Point:	96.0 C - 97.0 C
Flash Pt:	100 C Method Used: Estimate
Evaporation Rate:	No data.
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: No data. UEL: No data.
Vapor Pressure (vs. Air or mm Hg):	No data.
Vapor Density (vs. Air = 1):	No data.
Specific Gravity (Water = 1):	No data.
Solubility in Water:	No data.
Octanol/Water Partition Coefficient:	No data.
Autoignition Pt:	NA
Decomposition Temperature:	No data.
Viscosity:	No data.

10. Stability and Reactivity

Stability:	Unstable [ ] Stable [X]
Conditions To Avoid - Instability:	No data available.
Incompatibility - Materials To Avoid:	Strong oxidizing agents.
Hazardous Decomposition or Byproducts:	formed under fire conditions. Carbon oxides, nitrogen oxides (NOx), Hydrogen fluoride.
Possibility of Hazardous	Will occur [ ] Will not occur [X]

Reactions:

Conditions To Avoid - Hazardous Reactions: No data available.

11. Toxicological Information

Toxicological Information: No data available.

Irritation or Corrosion: No data available.

Sensitization: May cause allergic skin reaction.
Causes sensitization.

Carcinogenicity/Other Information: Carcinogenicity - mouse - Oral.
Tumorigenic: Carcinogenic by RTECS criteria. Lungs, Thorax, or Respiration: Tumors. Liver: Tumors.
Carcinogenicity - mouse - Subcutaneous.
Tumorigenic: Equivocal tumorigenic agent by RTECS criteria. Blood: Lymphomas including Hodgkin's disease.
Tumorigenic:Tumors at site of application.

Carcinogenicity - mouse - Intraperitoneal.
IARC: Group 3: Not classifiable as to its carcinogenicity to humans {1R,2S,3R,6S)-1,2-Dimethyl-3,6epoxycyclohexane-1}.
ACGIH: No component of this product present at levels greater than or equal to {0.1%} is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to {0.1%} is identified as a known or anticipated carcinogen by NTP.
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.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
1317-65-3	Limestone	n.a.	n.a.	n.a.	n.a.
65996-61-4	Cellulose and other carbohydrates	n.a.	n.a.	n.a.	n.a.
9005-53-2	Lignin	n.a.	n.a.	n.a.	n.a.
1582-09-8	Trifluralin	n.a.	3	n.a.	n.a.
14808-60-7	Quartz	Known	1	A2	n.a.
64742-04-7	Mineral oil, petroleum extracts, light parrafinic distillate solvent	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

General Ecological Information: Elimination information (persistence and degradability)
Bioaccumulation: {}
Pimephales promelas (fathead minnow) {-425} d.
Bioconcentration factor (BCF): {1,333}
Further information on ecology.
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. Disposal Considerations

Waste Disposal Method: Product.
Observe all federal, state, and local environmental regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: NMFC 155050-5 PESTICIDES,NOI,INCLUDING DEFOLIANTS, FUNGICIDES OR INSECTICIDES

DOT Hazard Class:

UN/NA Number:

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Pesticides, solid, toxic, n.o.s.

UN Number: **Packing Group:**

Hazard Class:

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
1317-65-3	Limestone	No	No	No
65996-61-4	Cellulose and other carbohydrates	No	No	No
9005-53-2	Lignin	No	No	No
1582-09-8	Trifluralin	No	Yes NA	Yes
14808-60-7	Quartz	No	No	No
64742-04-7	Mineral oil, petroleum extracts, light parrafinic distillate solvent	No	No	No

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

[ ] Yes [X] No	Explosive	[ ] Yes [X] No	Acute toxicity (any route of exposure)
[ ] Yes [X] No	Flammable (gases, aerosols, liquid, or solid)	[X] Yes [ ] No	Skin Corrosion or Irritation
[ ] Yes [X] No	Oxidizer (liquid, solid or gas)	[ ] Yes [X] No	Serious eye damage or eye irritation
[ ] Yes [X] No	Self-reactive	[X] Yes [ ] No	Respiratory or Skin Sensitization
[ ] Yes [X] No	Pyrophoric (liquid or solid)	[ ] Yes [X] No	Germ cell mutagenicity
[ ] Yes [X] No	Pyrophoric gas	[X] Yes [ ] No	Carcinogenicity
[ ] Yes [X] No	Self-heating	[ ] Yes [X] No	Reproductive toxicity
[ ] Yes [X] No	Organic peroxide	[ ] Yes [X] No	Specific target organ toxicity (single or repeated exposure)
[ ] Yes [X] No	Corrosive to metal	[X] Yes [ ] No	Aspiration Hazard
[ ] Yes [X] No	Gas under pressure (compressed gas)	[ ] Yes [X] No	Simple Asphyxiant
[ ] Yes [X] No	In contact with water emits flammable gas	[X] Yes [ ] No	(Health) Hazard Not Otherwise Classified (HNOC)
[ ] Yes [X] No	Combustible Dust		
[ ] Yes [X] No	(Physical) Hazard Not Otherwise Classified (HNOC)		

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1317-65-3	Limestone	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: Yes - 1
65996-61-4	Cellulose and other carbohydrates	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
9005-53-2	Lignin	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes -

		Inventory; CA PROP.65: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
1582-09-8	Trifluralin	CAA HAP,ODC: HAP: VHAP; CWA NPDES: No; TSCA: No; CA PROP.65: No; MA Oil/HazMat: Yes; MI CMR, Part 5: CMR - 46, Part 5; NJ EHS: Yes - 1918; NY Part 597: Yes: HS; PA HSL: Yes - E
14808-60-7	Quartz	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: Yes - 1
64742-04-7	Mineral oil, petroleum extracts, light parrafinic distillate solvent	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No

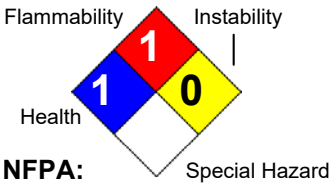
16. Other Information

Revision Date: 03/07/2021 **Previous revision:** 03/13/2018

Hazard Rating System:

HMIS:

NFPA:



Additional Information About This Product: No data available.

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