

The Environmental Factor Inc.

Safety Data Sheet



Turfmaize 98% Corn Gluten Meal

Date of printing :04/01/20
Date of revision :04/01/20

1. Identification

Product name Turfmaize 98% Corn Gluten Meal

Manufacturer The Environmental Factor Inc.
8-85 Chambers Dr.
Ajax, Ontario L1Z 1E2

Phone number +905-686-9909
Fax +905-686-0357

Responsible name : The Environmental Factor Inc. Product & Safety Regulations
Emergency phone number : 1-888-820-9992
Product type : Liquid

2. Hazard(s) identification

OSHA/HCS status : This material is considered non-hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture : Not classified according to 29 CFR 1910.1200

GHS label elements
Hazard pictograms :

Signal word :
Hazard statements :

Precautionary statements
General :

: Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

Prevention : Use normal hygiene practices when opening the container and using the product. Wash hands thoroughly after handling.

Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Hazards not otherwise Classified : None Known.

GREEN IT ORGANIC WEED PREVENTER 64oz RTS

3. Composition/information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>%</u>
Hydrolyzed corn gluten meal.		99.81
Potassium Sorbate.		0.19

Other ingredients determined not to be hazardous.

4. First-aid measures

Eye contact	: If in eyes, hold eyes open and wash with water. See a doctor if irritation occurs and persists.
Skin contact	: If skin contact occurs, wash skin with soap and water.
Inhalation	: Remove to fresh air.
Ingestion	: Not expected to have any harmful effects.
Notes to physician	: Treat symptomatically.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact	: No specific data.
Inhalation	: No specific data.
Skin contact	: No specific data.
Ingestion	: No specific data.

5. Fire-fighting measures

Does the product burn?	: Non-flammable.
Specific hazards arising from the chemical	: In a fire or if heated, a pressure increase will occur and the container may burst.
<u>Extinguishing media</u>	
Suitable	: Use an extinguishing agent suitable for the surrounding fire.
Not suitable	: None known.
Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

GREEN IT ORGANIC WEED PREVENTER 64oz RTS

6. Accidental release measures

Emergency procedure : For good hygiene practices, wear protective equipment to prevent skin contamination. In the case of spillage, contain and absorb spilled material with absorbent material such as sand, clay or cat litter and dispose of waste as indicated below

7. Handling and storage

Protective measures : Wash hands after use.

Safe storage : Not classified as a Dangerous Good. This product is not a scheduled poison. Store in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in a direct sunlight.

8. Exposure controls/personal protection

There are no occupational exposure limits.

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Respiratory : Generally not required.

Hands : Use normal hygiene practices when opening the container and using the product, by wearing cotton overalls and rubber gloves. Wash before smoking, eating or using toilet facilities. Wash hands after use.

Eyes : Safety eyewear complying with an approved standard should be used when a risk assessment by a qualified industrial hygienist indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

Body : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Skin : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Environmental exposure Controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary

9. Physical and chemical properties

Physical state : Liquid
Freezing point : N/A
Color : Brown tan.
Odor : Sweet odor.

GREEN IT ORGANIC WEED PREVENTER 64oz RTS

Ph	: 3.90 - 4.10
Boiling point	: N/A
Solubility in water	: Not soluble – forms an emulsion.
Specific gravity	: 1.049 to 1.1 at 20 degrees C.
Flammability	: Not flammable.
Corrosive hazard	: Not corrosive.
Poisons schedule	: Not a scheduled poison.

10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its Ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Hazardous polymerization	: Under normal conditions of storage and use, hazardous polymerization will not occur.
Conditions to avoid	: Avoid exposure to heat.
Materials to avoid	: Oxidizing agents.
Hazardous decomposition products	: If involved in a fire, it may emit fumes containing toxic compounds.

11. Toxicological information

Acute effects

Swallowed: Low toxicity, Acute oral LD₅₀ > 2,000 mg/kg.

Eye: Not irritating

Skin: Low toxicity. Not irritating

Inhaled: Low toxicity.

Long Term Exposure: : No long term adverse effects are known, or expected.

12. Ecological information

Persistence and degradability : Readily degradable.

Environmental Fate : Non toxic to bees.

Other adverse effects : No known significant effects or critical hazards.

13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty

GREEN IT ORGANIC WEED PREVENTER 64oz RTS

containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-	-
Transport hazard classes	-	-	-	-	-
Packing group	-	-	-	-	-
Environmental hazards	No.	No.	No.	No.	No.
Additional information	-	-	-	-	-

Special precautions for user : Always transport in closed containers that are upright and secure.

15. Regulatory information

U.S. Federal regulations

SARA 302/304/311/312 extremely hazardous substances: No products were found

SARA 302/304 emergency planning and notification: No products were found.

SARA 302/304/311/312 hazardous chemicals: No products were found.

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found.

State Regulations

Massachusetts

: None of the components are listed.

New York

: None of the components are listed.

New Jersey

: None of the components are listed.

Pennsylvania

: None of the components are listed.

California Prop. 65

: None of the components are listed.

Canadian Regulations

Canada inventory

: Not determined.

WHMIS (Canada)

: Class D-2B: Material causing other toxic effects (Toxic).

Canadian lists

: **CEPA Toxic substances:** None of the components are listed.

Canadian ARET: None of the components are listed.

Canadian NPRI: None of the components are listed.

Alberta Designated Substances: None of the components are listed.

16. Other information

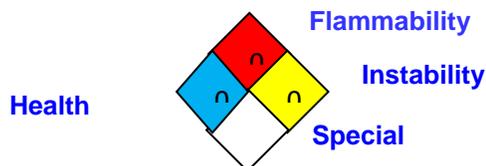
Hazardous Material Information System (U.S.A.)

Health	0
Flammibility	0
Physical Hazards	0

GREEN IT ORGANIC WEED PREVENTER 64oz RTS

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868. The customer is responsible for determining the PPE code for this material.

[National Fire Protection Association \(U.S.A.\)](#) :



16. Other information

Reprinted with permission from NFPA 704-2001, Identification of the Hazards of Materials for Emergency Response Copyright ©1997, National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject, which is represented only by the standard in its entirety.

Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as guidance only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.