

SAFETY DATA SHEET

THATCH ELIMINATOR

MSDS DATE: 3/7/13
SUPERSEDES: NONE

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: THATCH ELIMINATOR
DISTRIBUTOR: Growing Solutions, Inc.
ADDRESS: 21719 S. Center Ave., Unit D, New Lenox, IL 60451
CHEMTREC PHONE: US: 1-800-424-9300 International: 1-202-483-7616
CHEMICAL NAME: Proprietary mixture
CHEMICAL FAMILY:
CHEMICAL FORMULA: Mixture
PRODUCT USE: Acceleration of composting and dethatching
SECTION 1 NOTES: None

SECTION 2: HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT/% VOL</u>	<u>SARA 313 REPORTABLE</u>	<u>TWA</u>	<u>OSHA STEL</u>	<u>Ceiling</u>	<u>TWA</u>	<u>ACGIH STEL</u>	<u>Ceiling</u>
None									

SECTION 2 NOTES: None

SECTION 3: HAZARDS IDENTIFICATION

ROUTES OF ENTRY: Eyes, skin, ingestion, inhalation

POTENTIAL HEALTH EFFECTS

EYES: May cause irritation

SKIN: Exposure to open wounds may cause infections

INGESTION: Not harmful if ingested in small quantities. May cause stomach upset.

INHALATION: May cause nose or throat irritation.

ACUTE HEALTH HAZARDS: None known beyond above

CHRONIC HEALTH HAZARDS: None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Agricultural ingredients may upset allergies or cause respiratory illness. May irritate eyes and skin.

CARCINOGENICITY

OSHA: No **ACGIH:** No **NTP:** No **IARC:** No **OTHER:** No

SECTION 3 NOTES: None

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SECTION 4: FIRST AID MEASURES

If in Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after the first 5 minutes, then continue rinsing eye. Have the product container with you when calling a poison control center or doctor, or going for treatment.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

If Swallowed: Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Product does NOT contain a pesticide or pest control product.

SECTION 4 NOTES: None

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: Unknown
(% BY VOLUME) **LOWER:** Unknown

FLASH POINT:

F: >200

C: >93

METHOD USED:

PMCC

AUTOIGNITION TEMPERATURE:

Unknown

F:

C:

NFPA HAZARD CLASSIFICATION

HEALTH: 0 **FLAMMABILITY:** 1 **REACTIVITY:** 0 **OTHER:** -

HMIS HAZARD CLASSIFICATION

HEALTH: 0 **FLAMMABILITY:** 1 **PHYSICAL HAZARD:** 0 **PROTECTION:** -

EXTINGUISHING MEDIA:

Water, carbon dioxide, dry chemical or foam

SPECIAL FIRE FIGHTING PROCEDURES:

UNUSUAL FIRE AND EXPLOSION HAZARDS:

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon

SECTION 5 NOTES:

Will burn if exposed to direct flame

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Review Fire Fighting Measures and Handling Personnel sections before proceeding with clean up. Use appropriate personal protective equipment during clean up. Sweep up.

SECTION 6 NOTES:

None

SECTION 7: HANDLING AND STORAGE

Handling

Do not get in eyes, on skin, or on clothing.

Storage

Store in a cool dry place out of sunlight. Keep container closed.

SECTION 7 NOTES:

None

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION : Use ventilation that is adequate to keep employee exposure to airborne concentrations below exposure limits.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Have the following available and wear as appropriate: gloves, dust mask, safety glasses and apron.

WORK HYGIENIC PRACTICES: Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse.

EXPOSURE GUIDELINES: None

SECTION 8 NOTES: None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

ODOR: None

PHYSICAL STATE: granular

pH AS SUPPLIED: 6.5-8.5

pH (Other):

BOILING POINT:

F: Unknown

C: Unknown

MELTING POINT:

F: Unknown

C: Unknown

FREEZING POINT:

F: Unknown

C: Unknown

VAPOR PRESSURE (mmHg): Unknown

@

F:

C:

VAPOR DENSITY (AIR = 1): Unknown

@

F:

C:

SPECIFIC GRAVITY (H₂O = 1): Not available

BULK DENSITY (FOR SOLIDS): 0.55-0.88g/cm³

@

F: 68

C: 20

EVAPORATION RATE: Unknown

BASIS (butyl acetate=1):

SOLUBILITY IN WATER: soluble

VISCOSITY: Unknown

@

F:

C:

SECTION 9 NOTES: None

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SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable Unstable

CONDITIONS TO AVOID (STABILITY): None known

INCOMPATIBILITY (MATERIAL TO AVOID): Incompatible with strong acids or alkali compounds

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): None known. Polymerization will not occur.

SECTION 10 NOTES: None

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Mixture not tested but based on components, may cause irritation to skin and eyes. Ingestion may cause nausea or diarrhea. Agricultural ingredients may upset allergies or cause respiratory illness.

SECTION 11 NOTES: None

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Biodegradable, non-toxic, non-hazardous, non-pathogenic and safe to flora and fauna.

SECTION 12 NOTES: None

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Treatment, storage, transportation and disposal must be in accordance with applicable federal, state/provincial, and local regulations.

RCRA HAZARD CLASS: Not regulated

SECTION 13 NOTES: None

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION:

Not regulated. No special requirements.

SECTION 14 NOTES: None

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SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): All components of this product are listed or excluded from listing on the US Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): Does not contain any chemicals subject to the reporting requirement of SARA 313

Section 302/304 Extremely Hazardous Substances None present

311/312 HAZARD CATEGORIES: None

313 REPORTABLE INGREDIENTS: None

STATE REGULATIONS: No substances on the state hazardous substances list, for the states indicated, are used in the manufacture of products on this Material Safety Data Sheet, with the exceptions indicated. While we have not specifically analyzed these products, the raw materials used in their manufacture or for substances on various state hazardous substances lists, to the best of our knowledge, the products on this Material Safety Data Sheet contain no such substances except for those specifically listed.

Substances known to the state of Arizona to cause cancer: None.

Substances known to the state of Arizona to cause birth defects or other reproductive harm: None.

SECTION 15 NOTES: None

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: NPCA-HMIS rating
Health: 0
Flammability: 1
Reactivity: 0

PREPARATION INFORMATION: Prepared on 3/07/13

DISCLAIMER:

The recommendation for safe handling and protection procedures is believed to be generally suitable for the standard uses of this compound. However, each user should identify his intended uses of this material and determine whether they are appropriate. All data included in this document is released as typical values and should not be utilized to determine the suitability of this material for a particular use or purpose. No warranty, either expressed or implied, is hereby made, nor do we give permission, inducement, or recommendations to practice any patented invention without a license. All data is offered for consideration, investigation and verification purposes only.

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