

MATERIAL SAFETY DATA SHEET

TURF MARKER GREEN SELECT

MSDS DATE: 8/27/12

SUPERSEDES: 1/19/11

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: TURF MARKER GREEN SELECT

DISTRIBUTOR: Prime Source LLC
ADDRESS: 4609 East Boonville - New Harmony Road, Evansville IN 47725

CHEMTREC (OR EMERGENCY) PHONE: US: 1-800-424-9300 International: 1-202-483-7616

CHEMICAL NAME: Proprietary mixture
CHEMICAL FAMILY: Green dye
CHEMICAL FORMULA: Mixture

PRODUCT USE: Dye

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 temporary irritation and redness.

SKIN: May cause temporary irritation and redness.

INGESTION: May cause nausea, abdominal discomfort and diarrhea.

INHALATION: Aspiration or breathing mist may cause irritation of the trachea and bronchi.

ACUTE HEALTH HAZARDS: None known beyond above

CHRONIC HEALTH HAZARDS: None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Chronic dermatitis with continuous exposure may be exacerbated.

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: Have person sip a glass of water if able to swallow. 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: None

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

HMIS HAZARD CLASSIFICATION

HEALTH: 1 **FLAMMABILITY:** 0 **REACTIVITY:** 0 **PROTECTION:** B

EXTINGUISHING MEDIA:

Water, carbon dioxide, dry chemical or foam

SPECIAL FIRE FIGHTING PROCEDURES:

Water spray (fog) can be used to absorb heat and to cool and protect surrounding exposed material. Firefighters should wear self-contained breathing apparatus. Avoid hose streams or any method which will create dust clouds.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon

SECTION 5 NOTES:

None

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Wear proper personal protective clothing and equipment. Sweep up carefully and place into container for reuse or disposal. Do not sweep or flush product into sewers or waterways. Avoid causing dust.

SECTION 6 NOTES:

None

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SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Wash thoroughly after handling this product. Always wash up before eating, smoking or using the facilities. Use under well-ventilated conditions. Avoid eye contact. Avoid repeated or prolonged skin contact. Avoid breathing dust. Avoid routine inhalation of dust of any kind. Exercise care when emptying containers, sweeping, mixing or doing other tasks which can create dust.

Although the risk of a dust explosion is low, as a precaution, implement the following safety measures: Eliminate ignition sources (e.g., sparks, static buildup, excessive heat, etc.). In general, dust of organic materials is a static charge generator which may be ignited by electrostatic discharge, electrical arcs, sparks, welding torches, cigarettes, open flame, or other significant heat sources. Prohibit flow of polymer, powder or dust through non-conductive ducts, vacuum hoses or pipes, etc.; only use grounded, electrically conductive transfer lines when pneumatically conveying product. Prevent accumulation of dust (e.g., well-ventilated conditions, promptly vacuuming spills, cleaning overhead horizontal surfaces, etc.).

SECTION 7 NOTES: None

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION : Local exhaust ventilation recommended if generating vapor, dust, or mist. If exhaust ventilation is not available or inadequate, use MSHA or NIOSH approved respirator as appropriate.

RESPIRATORY PROTECTION: Not necessary unless ventilation is inadequate. Then use MSHA or NIOSH approved respirator, as appropriate.

EYE PROTECTION: Chemical splash goggles.

SKIN PROTECTION: Impermeable gloves

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye wash stations, safety showers

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 known

SECTION 8 NOTES: None

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Green powder (may have a reddish hue)

ODOR: None

PHYSICAL STATE: Solid

pH AS SUPPLIED: Not applicable

pH (Other): Not known

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:

BULK DENSITY (FOR SOLIDS): 0.4 – 0.7 g/mL

@

F: 68

C: 20

EVAPORATION RATE: Unknown

BASIS (butyl acetate=1):

SOLUBILITY IN WATER: Soluble

VISCOSITY: Unknown

@

F:

C:

SECTION 9 NOTES: None

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable Unstable

CONDITIONS TO AVOID (STABILITY): None known

INCOMPATIBILITY (MATERIAL TO AVOID): None known

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Under fire conditions, oxides of carbon

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): None known

SECTION 10 NOTES: None

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SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Not available

SECTION 11 NOTES: None

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not available

SECTION 12 NOTES: None

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: For waste disposal purposes, this product is not known to be defined or designated as hazardous by current provisions of the Federal (EPA) Resource Conservation and Recovery Act (RCRA, 40CFR261). Land disposal should be in closed containers. Incinerate or landfill waste in a properly permitted facility in accordance with federal, state and local regulations.

RCRA HAZARD CLASS: Not regulated

SECTION 13 NOTES: None

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Not regulated

HAZARD CLASS: Not regulated

ID NUMBER: Not regulated

PACKING GROUP: Not regulated

LABEL STATEMENT: Not regulated

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):

This product contains no CERCLA listed chemicals.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

Section 302/304 Extremely Hazardous Substances

None

311/312 HAZARD CATEGORIES:

This product has been reviewed according to the EPA "Hazard Categories" promulgated under Section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Immediate Health Hazard

313 REPORTABLE INGREDIENTS:

This product contains no substances subject to the reporting requirements of Section 313 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) or 40 CFR Part 372 in concentrations above the de minimis concentration level.

STATE REGULATIONS:

California Proposition 65 ingredients:

None known to be present or none in reportable amounts for occupational exposure as per OSHA's approval of the California Hazard Communication Standard, Federal Register, page 31159 ff, 6 June 1997.

SECTION 15 NOTES:

None

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

None

PREPARATION INFORMATION:

Prepared on 8/27/12

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.

Select Source LLC

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