

2463895 - PREEN MULCH PLUS - UNCOLORED  
PREEN LANDSCAPE MULCH

MANUFACTURER/SUPPLIER:

|                        |                   |                           |
|------------------------|-------------------|---------------------------|
| COASTAL SUPPLY COMPANY | HOPE ARI PRODUCTS | MULCH MANUFACUTREING, INC |
| _1000 MAIN STREET      | 2400 OLD LEWIS RD | 6747 TAYLOR ROAD, S.W.    |
| DAGSBORO DE 19939      | PO BOX 1271       | REYNOLDSBKURG OH 43068    |
| (302)732-6624          | HOPE AR 71802     | (614)864-4004             |
|                        | (800)227-4474     |                           |

|                       |                         |                         |
|-----------------------|-------------------------|-------------------------|
| GRO WELL BRANDS, INC. | SIMS BARK., INC.        | WAUPACA NORTHWOODS, LLC |
| P O BOX 18670         | P O BOX 4049            | P O BOX 569             |
| PHOENIX AZ 85005-8670 | MUSCLE SHOALS, AL 35662 | WAUPACA WI 54981        |

|                          |                           |                       |
|--------------------------|---------------------------|-----------------------|
| OLD CASTLE LAWN & GARDEN | INFINITY FERTILIZERS, INC | GARDENSCAPE           |
| P O BOX 501418           | P O BOX 1158              | P O BOX 184           |
| ATLANTA GA 31150-1418    | MILAN IL 61264            | EAU CLAIRE PA 16030 + |
|                          | 888-832-8812              | 800-255-1653          |

GENERAL INFORMATION PHONE: 800-532-0090  
HEALTH EMERGENCY: 888-208-1368 PROSAR  
ENVIRONMENTAL EMERGENCY: 800-424-9300 CHEMTREC

PHYSICAL/CHEMICAL CHARACTERISTICS:

BOILING POINT: NA Not applicable.  
MELTING POINT: NG  
FREEZING POINT: NG  
POUR POINT: NG  
SOFTENING POINT: NG  
SPECIFIC GRAVITY: NA Not applicable.  
VAPOR PRESSURE: NA Not applicable.  
VAPOR DENSITY: NA Not applicable.  
PERCENT VOLATILES: NG  
EVAPORATION RATE: NG  
pH: BT 7 8 Aqueous 50/50.  
MOLECULAR WEIGHT: NG  
VISCOSITY: NG  
SOLUBILITY IN WATER: Insoluble.  
ODOR/APPEARANCE/OTHER CHARACTERISTICS: Red, Tan to brown mulch/wood odor  
BULK DENSITY: 15-25 lb/ft3

FIRE AND EXPLOSION DATA:

CLOSED CUP FLASH PT.: NA Not applicable.  
OPEN CUP FLASH POINT: NA Not applicable.  
FIRE POINT: NG  
AUTO IGNITION: NA  
LOWER EXPLOSION LIMIT: NA Not applicable.

UPPER EXPLOSION LIMIT: NA Not applicable.

SHIPPING REGULATIONS:

UN/NA NUMBER: NG

DOT HAZARD CLASS: NG

SHIPPING LABEL: Not given

SHIPPING NAME: Not given

PREPARED:

PREPARER'S NAME & TITLE: Not given

PREPARATION DATE:03/12/10 rev.

COMPONENT(S):

N-(3-(1-ETHYL-1 METHYLPROPYL)-5-ISOXAZOLY)-2,  
6-DIMETHOXYBENZAMIDE:

OSHA PEL: NE ppm

ACGIH TLV: NE ppm

STEL: NE ppm

PERCENT OF PRODUCT: EQ 0.0008%

CAS NO.: 82558507

NOTE: Isoxaben / NE=Not Established

ALPHA, ALPHA, ALPHA-TRIFLUORO-2,6-DINITRO-N,N-DIPROPYL-  
P-TOLUDINE:

OSHA PEL: NE ppm

ACGIH TLV: NE ppm

STEL: NE ppm

PERCENT OF PRODUCT: EQ 0.0032%

CAS NO.: 1582098

NOTE: Trifluralin / NE=Not Established

OTHER WOOD MULCH:

+

OSHA PEL: NG ppm

ACGIH TLV: NG ppm

STEL: NG ppm

PERCENT OF PRODUCT: EQ 99.9960%

CAS NO.: NA

NOTE: CAS #: NA

-----  
Text Section(s)  
-----

IDENTIFICATION  
-----

PRODUCT NAME: PREEN LANDSCAPE MULCH

EPA REG. NUMBER: 961-408

PRODUCT CODE:

MSDS NUMBER:

GENERAL INFORMATION PHONE 800-532-0090

HEALTH EMERGENCY PHONE: 888-208-1368 PROSAR

ENVIRONMENTAL EMERGENCY PHONE: 800-424-9300 CHEMTREC

-----  
INGREDIENTS  
-----

(% W/W, unless otherwise noted).

See component page(s) for additional information.

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not 'Hazardous' per this OSHA Standard may be listed. Where proprietary ingredients shows, the identity may be made available as provided in this standard.

-----

PHYSICAL DATA  
-----

See data pages for additional information.

-----

FIRE & EXPLOSION HAZARD DATA  
-----

AUTO-IGNITION TEMPERATURE: Does not ignite up to 1000 deg F, 537 deg C.

EXTINGUISHING MEDIA: Use water fog, CO<sub>2</sub>, or dry chemicals.

FIRE AND EXPLOSION HAZARDS: Thermal-oxidative degradation of wood produces irritating and toxic fumes and gases, including CO, aldehydes and organic acids.

FIRE-FIGHTING EQUIPMENT: Wear full protective clothing and use positive pressure, self-contained breathing apparatus.

-----

REACTIVITY DATA  
-----

STABILITY (CONDITIONS TO AVOID): Stable.

INCOMPATIBILITY (SPECIFIC MATERIAL TO AVOID): Oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Will emit toxic vapors as it burns.

HAZARDOUS POLYMERIZATION: Does not occur.

-----

ENVIRONMENTAL AND DISPOSAL INFORMATION  
-----

ENVIRONMENTAL DATA: This pesticide is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift or runoff from treatment areas may be hazardous to aquatic organisms in neighboring aquatic sites. Do not contaminate water when disposing of equipment washwaters.

ACTION TO TAKE FOR SPILLS: Contain and sweep up material of small spills and dispose as waste. Large spills report to CHEMTREC for assistance. Prevent runoff.

DISPOSAL METHOD: Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility in accordance with applicable regulations.

---

#### HEALTH HAZARD DATA

---

#### FIRST AID

---

EYES: Immediately flush eyes with plenty of water. Call a physician if irritation develops.

SKIN: Remove contaminate clothing and clean before reuse. Wash all exposed areas of skin with plenty of soap and water. Get medical attention if irritation develops or persists.

INGESTION: If swallowed, call a poison control center or doctor immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

INHALATION: Move individual to fresh air. Get medical attention if breathing difficulty occurs. If not breathing, provide artificial respiration assistance (mouth-to-mouth) and call a physician immediately.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: No corroborative information is available that would establish the aggravation of a medical condition by exposure to trifluralin or isoxaben; however, it is a reasonable assumption that highly allergic individuals would be at a somewhat greater risk for demonstrating an allergic reaction when exposed.

---

#### HANDLING PRECAUTIONS

---

EXPOSURE GUIDELINE(S): Isoxaben, PEL, and TLV not established; Trifluralin, PEL and TLV not established.

VENTILATION: Good general ventilation should be sufficient for most conditions.

RESPIRATORY PROTECTION: In enclosed spaces, wear NIOSH approved respirator for dust.

SKIN PROTECTION: Use protective clothing such as coveralls, a long sleeved shirt, and impermeable gloves when handling this product.

EYE PROTECTION: Use safety glasses.

-----  
ADDITIONAL INFORMATION  
-----

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep out of reach of children. Causes eye irritation.  
Harmful if swallowed, inhaled or absorbed through skin.  
Avoid breathing dust and contact with skin, eyes, or  
clothing. Wash thoroughly with soap and water after  
handling and before eating, drinking, or using tobacco.

MSDS STATUS: FIRE AND EXPLOSION, ENVIRONMENTAL AND DISPOSAL  
INFORMATION, HEALTH HAZARD DATA, ADDITIONAL INFORMATION  
Sections.

REVISED: 3/12/10 rev.

-----  
REGULATORY INFORMATION  
-----

(Not meant to be all-inclusive--selected regulations  
represented).

SARA 313 INFORMATION: This product contains the following  
substances subject to the reporting requirements of  
Section 313 of Title III of the Superfund Amendments and  
Reauthorization Act of 1986 and 40 CFR Part 372:

| Chemical Name | Cas No. | Concentration |
|---------------|---------|---------------|
|---------------|---------|---------------|

|             |             |         |
|-------------|-------------|---------|
| Trifluralin | 001582-09-8 | 0.0032% |
|-------------|-------------|---------|

SARA HAZARD CATEGORY: THIS PRODUCT HAS BEEN REVIEWED  
ACCORDING TO THE EPA "HAZARD CATEGORIES" PROMULGATED  
UNDER SECTIONS 311 AND 312 OF THE SUPERFUND AMENDMENTS  
AND REAUTHORIZATION ACT OF 1986 (SARA TITLE III) AND IS  
CONSIDERED, UNDER APPLICABLE DEFINITIONS, TO MEET THE  
FOLLOWING CATEGORIES: An immediate health hazard.

TOXIC SUBSTANCES CONTROL ACT (TSCA): All ingredients are on  
the TSCA inventory or are not required to be listed on  
the TSCA inventory.

-----  
NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATINGS:  
-----

| Category: | Rating |
|-----------|--------|
|-----------|--------|

|         |    |
|---------|----|
| HEALTH: | 1. |
|---------|----|

|               |    |
|---------------|----|
| FLAMMABILITY: | 0. |
|---------------|----|

|             |    |
|-------------|----|
| REACTIVITY: | 0. |
|-------------|----|

-----  
SPECIAL NOTES  
-----

-----  
The Information Herein Is Given In Good Faith, But No  
Warranty, Express or Implied, Is Made. Consult  
The DowElanco Company for Further Information.

NOTICE: The information herein is presented in good faith  
and believed to be accurate as of the effective date shown  
above. However, no warranty, express or implied, is given.  
Regulatory requirements are subject to change and may  
differ from one location to another, it is the buyer's  
responsibility to ensure that its activities comply with  
federal, state or provincial, and local laws. The following  
specific information is made for the purpose of complying  
with numerous federal, state or provincial, and local laws  
and regulations. See MSD Sheet for health and safety  
information.

-----  
DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES: although  
preparer and owner have taken reasonable care in the  
preparation of this document, we extend no warranties and  
make no representation as to the accuracy or completeness  
of the information contained herein, and assume no  
responsibility regarding the suitability of this  
information for the user's intended purposes or for the  
consequences of its use. Each user should make a  
determination as to the suitability of the information for  
their particular purpose(s). A request has been made to the  
manufacturer to approve the contents of this material  
safety data sheet. Upon receipt of any changes a new MSDS  
will be made available.

-----  
//