2463894 - PREEN MULCH PLUS - RED
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_2, 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 immediatesly for treatment advice. Have the person sip a glas 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.

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