

2463844 - PREEN SOUTHERN WEED PREVENTER  
MANUFACTURER: LEBANON SEABOARD CORP. MSDS  
1600 E. CUMBERLAND ST.  
LEBANON, PA USA 17042  
INFORMATION PHONE: 800-532-0090  
HEALTH EMERGENCY: 888-208-1368 PROSAR  
ENVIRONMENTAL EMERGENCY: 800-424-9300 CHEMTREC

COMPONENT(S):

Dithiopyr

OSHA PEL: NE ppm  
ACGIH TLV: NE ppm  
STEL: NG ppm  
PERCENT OF PRODUCT: EQ 0.27%  
CAS NO.: 097886-45-8

Cyclohexanone

OSHA PEL: NE ppm  
ACGIH TLV: NE ppm  
STEL: NG ppm  
PERCENT OF PRODUCT: EQ 0.15%  
CAS NO.: 000108-94-1

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2-Ethylhexanol

OSHA PEL: NE ppm  
ACGIH TLV: NE ppm  
STEL: NG ppm  
PERCENT OF PRODUCT: EQ 0.02%  
CAS NO.: 000104-76-7

Corn Cobs

ACGIH TLV: 10 mg/m3  
STEL: NG ppm  
CAS NO.: NA  
PERCENT OF PRODUCT: EQ 99.56%  
NOTE: \* Nuisance dust / for all components  
NE=None Established.

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PHYSICAL/CHEMICAL CHARACTERISTICS:

MELTING POINT: NA  
FREEZING POINT: NG  
POUR POINT: NG  
SOFTENING POINT: NG  
SPECIFIC GRAVITY: NA  
VAPOR PRESSURE: LT 1 MM HG.  
PERCENT VOLATILES: NG  
EVAPORATION RATE: NA  
pH: NG  
MOLECULAR WEIGHT: NG

VISCOSITY: NG

SOLUBILITY IN WATER: Partially soluble in water.

ODOR/APPEARANCE/OTHER CHARACTERISTICS: Yellowish granules,  
slight odor.

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FIRE AND EXPLOSION DATA:

CLOSED CUP FLASH PT.: N\* Does not flash

OPEN CUP FLASH POINT: N\* Does not flash

FIRE POINT: NG

AUTO IGNITION: NG

LOWER EXPLOSION LIMIT: NA

UPPER EXPLOSION LIMIT: NA

SHIPPING REGULATIONS:

UN/NA NUMBER: NG

DOT HAZARD CLASS: Not given

SHIPPING LABEL: Not given

SHIPPING NAME: Not given

PREPARED:

PREPARER'S NAME & TITLE: Not given

PREPARATION DATE: 3/22/10 rev.

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Text Section(s)  
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PRODUCT IDENTIFICATION  
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See above for additional information.

PRODUCT NAME: Lebanon Fertilizer with Dimension 0.27  
Crabgrass Control.

EPA REG. NUMBER: 961-410

INGREDIENT NAME: Dimension.

SYNONYM: Dithiopyr.

CAS REGISTRY NUMBER: 97886-46-8.

MANUFACTURER'S NAME AND ADDRESS:

LEBANON SEABOARD CORPORATION

1600 E. CUMBERLAND STREET

LEBANON, PA 17042

TRANSPORTATION EMERGENCY: 800-424-9300 CHEMTREC

HEALTH EMERGENCY: 888-208-1368 PROSAR

DISTRICT OF COLUMBIA: 202-483-7616.

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NON-TRANSPORTATION

INFORMATION PHONE: 800-532-0090  
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HEALTH/SAFETY ALERT  
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CAUTION: May cause eye irritation. Harmful if inhaled.

Avoid contact with eyes or clothing. Avoid breathing

dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact while handling this material may cause an allergic reaction to some individuals. Read the product label.

Toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters, unless product is specifically identified and addressed in a NPDES permit. Do not discharge effluent containing this product into sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

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#### FIRST AID PROCEDURES

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IF IN EYES: Immediately flush with water. Get medical attention if irritation persists.

IF INHALED: Remove individual to fresh air. Seek medical attention if breathing difficulty develops.

IF ON SKIN: Wash with soap and water and wash contaminated clothing prior to reuse.

IN ALL EMERGENCY SITUATIONS, CONTACT A PHYSICIAN.

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#### NOTE TO PHYSICIAN

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Treat symptomatically.

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#### FIRE & EXPLOSION INFORMATION

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See above for additional information.

NFPA RATING:

HEALTH: 1

FIRE: 1

REACTIVITY: 0

SPECIAL PROPERTIES: None.

FLAMMABILITY: Not flammable.

EXTINGUISHING MEDIA: Water spray, foam, dry chemical.

SPECIAL PROTECTIVE EQUIPMENT: In severe fire, wear protective clothing and use self contained breathing equipment.

SPECIAL FIRE FIGHTING PROCEDURES: Prevent the release of product and contaminated water from site.

PRODUCTS OF COMBUSTION: Herbicide fumes, NOx HF, CO.

HAZARDS: None.

HAZARDOUS CHEMICAL(S) UNDER OSHA HAZARD COMMUNICATION

PRODUCT WASTE DISPOSAL

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

In case of spill, sweep up material and dispose of material according to label directions. Otherwise, dispose of it at an approved chemical waste facility.

RECOMMENDED GENERAL PRECAUTIONS

STORAGE: Store in original container.

PERSONAL PROTECTIVE EQUIPMENT: When handling this material, avoid contact with skin and breathing dust.

HEALTH HAZARD INFORMATION

SIGNS AND SYMPTOMS OF ACUTE OVEREXPOSURE: Eye irritation, possible skin irritation.

ACUTE TOXICITY:

ORAL (LD50) RAT: Greater than 3600 mg/kg.

DERMAL (LD50) RABBIT: Greater than 5000 mg/kg.

INHALATION (LD50) RAT: Greater than 11 mg/L, practically nontoxic.

Dermal contact and inhalation are expected to be the primary routes of exposure.

CARCINOGEN AS DETERMINED BY:

NTP: Not listed.

IARC: Not listed.

OSHA: Not listed.

SPECIAL PRECAUTIONS

Do not store near food or feed.

Do not contaminate water sources from disposal of wash water from equipment cleaning.

PRODUCT INFORMATION - ACTIVE INGREDIENTS

See above for additional information.

ACTIVE INGREDIENTS COMPONENT (CHEMICAL NAME, COMMON NAME)	USING DEFINITION OF OSHA 29 CFR1910.1200	EXPOSURE LIMITS	
		OSHA PEL	ACGIH TLV
Dithiopyr	0.27%	None established	None established

Cyclohexanone	0.15%	None	None
		established	established

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PHYSICAL INFORMATION  
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See above for additional information.

STABILITY: Stable.

REACTIVITY: Not reactive.

DECOMPOSITION PRODUCT: None known to form at ambient conditions.

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REGULATORY REPORTING  
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SARA SECTION 311/312 HAZARD CATEGORIES:

HAZARD CATEGORIES UNDER CRITERIA OF SARA TITLE III RULES  
(40 CFR PART 370): Immediate.

SECTION 313 TOXIC CHEMICAL(S): Not applicable.

STANDARD: This product contains, as a component, the substance listed below which is identified as a hazardous chemical under the criteria of the OSHA Hazard Communication Standard (29 CFR 1910.1200): Cyclohexnone glycol, CAS Reg. No. 108-94-1, 0.15%.

IMMEDIATE HEALTH: Yes.

DELAYED HEALTH: No.

FIRE: No.

SUDDEN PRESSURE: No.

REACTIVITY: No.

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SPECIAL NOTES  
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The information presented herein, while not guaranteed, was prepared by technically knowledgeable personnel and to the best of our knowledge is true and accurate. It is not intended to be all inclusive and the manner and conditions of use and handling may involve other or additional considerations.

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ADDITIONAL/IMPORTANT INFORMATION  
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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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