

2153580 - PROSCAPE® 19-0-6 33% MESA® CONFRONT™ 3 & DIMENSION® SGN 200

Manufacturer

Lebanon Seaboard Corporation
1600 East Cumberland Street
Lebanon, PA 17042

General Information Phone: 800-532-0090

Health Emergency: 888-208-1368 PROSAR

Environmental Emergency: 800-424-9300 CHEMTREC

Supplier

Lebanon Seaboard Corporation
1600 East Cumberland Street
Lebanon, PA 17042

General Information Phone: 800-532-0090

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Physical/Chemical Characteristics

Boiling Point: NA

Melting Point: NA

Freezing Point: NA

Pour Point: NA

Softening Point: NA

Density: 50-56 #/cuft.

Vapor Pressure: NA

Vapor Density: NA

Percent Volatiles: NG

Evaporation Rate: NG

pH: 5.5-6.5

Molecular Weight: NG

Viscosity: NG

Solubility in Water: Slightly Soluble

Odor/Appearance/Other Characteristics: Granular Brown-
Gray, Slight amine smell

Fire and Explosion Data

Closed Cup Flash Pt: NG

Open Cup Flash Pt: NG

Fire Point: NG

Auto Ignition: NG

Lower Explosion Limit: ND

Upper Explosion Limit: ND

Shipping Regulations

UN/NA Number: Not Regulated

DOT Hazard Class: Not Given

Shipping Label: Not Given

Shipping Name: Not Given

Prepared

Preparer's Name & Title: Not Given

Preparation Date:03/22/10 rev.

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Component(s)

2,4-dichloropenoxyacetic acid

OSHA Pel: NG ppm

ACGIH TLV: NG ppm

STEL: NG ppm

Percent of Product: EQ 0.820% CAS No.: 1861401

Triclopyr (3,5,6-trichlor-2-pridinyloxyacetic acid) as
the triethylamine salt

OSHA Pel: NG ppm

ACGIH TLV: NG ppm

STEL: NG ppm

Percent of Product: EQ 0.303% CAS No.: 57213691

Component Note:

DOW AGRISCIENCES INDUSTRIAL HYGIENE GUIDELINE: 2 MG/M3,
ACID EQUIVALENT, SKIN

Fluroxypyr:Fluroxypyr 1-Methylhepty ester

OSHA Pel: NG ppm

ACGIH TLV: NG ppm

STEL: NG ppm

Percent of Product: EQ 0.177% CAS No.: 81404373

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Component Note:

Dithiopyr: S,S'-dimethyl 2-(difluoromethyl-4-(2-methyl-propyl)-6-
-(trifluoromethyl)3,5-pyridinedicarbothioate

OSHA Pel: NG ppm

ACGIH TLV: NG ppm

STEL: NG ppm

Percent of Product: EQ 0.145% CAS No.: 97886458

Note: DOW AGRISCIENCES INDUSTRIAL HYGIENE GUIDELINE:

10 MG/M3

FERTILIZER BASE

OSHA Pel: 15 mg/m3

ACGIH TLV: 10 mg/m3

STEL: NG ppm

Percent of Product: EQ 97.149% CAS No.: NOT GIVEN

Text Section(s)

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: FERTILIZER WITH CONFRONT/DIMENSION

HERBICIDE

*CONFRONT AND DIMENSION ARE THE REGISTERED TRADEMARKS OF DOW
AGRISCIENCES

PRODUCT CODE:

MSDS:

EFFECTIVE DATE: 02/09/07 rev.

GENERAL INFORMATION PHONE: 1-800-532-0090

HEALTH EMERGENCY PHONE: 888-208-1368 PROSAR

Environmental Emergency: 800-424-9300 CHEMTREC

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MANUFACTURER'S NAME AND ADDRESS:

Lebanon Seaboard Corporation
1600 East Cumberland Street
Lebanon, PA 17042

2. COMPOSITION INFORMATION ON INGREDIENTS:

SEE COMPONENT SECTION(S) FOR ADDITIONAL INFORMATION.

2,4-Dichlorophenoxyacetic acid, dimethylamine salt

Triclopyr: (3,5,6-trichloro-2-pyridinyloxyacetic acid), as
the triethylamine salt

Fluroxypyr: Fluroxypyr 1-Methylhepty ester

Dithiopyr: S,S'-dimethyl 2-(difluoromethyl-4-_2-methyl-propyl)-6-
(triflouromethyl)3,5-pyridinedicarbothioate

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 ingredient shows, the
identity may be made available as provided in this
standard.

3. HAZARDS IDENTIFICATIONS:

EMERGENCY OVERVIEW: HAZARDOUS CHEMICAL. GRANULAR -
LIGHT BROWN, SLIGHT AMINE ODOR. MAY CAUSE EYE
IRRITATION. MAY CAUSE SLIGHT CORNEAL INJURY. IF INGESTED
MAY CAUSE TISSUE DESTRUCTION LEADING TO STRICTURE.

EMERGENCY PHONE NUMBER: (U.S.) 888-208-1368 PROSAR

This section includes possible adverse effects which could
occur if this material is not handled in the recommended
manner.

POTENTIAL HEALTH EFFECTS (See Section 11 for toxicological
data.)

EYE: May cause eye irritation with slight corneal injury.
Effects may be slow to heal. Vapors of amines may cause
swelling of the cornea resulting in visual disturbances
such as blurred, smoky or halo vision.

SKIN CONTACT: Prolonged exposure is not likely to cause
significant skin irritation. Prolonged or frequently

repeated skin contact may cause allergic skin reaction in some individuals. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts. The LD50 for skin absorption in rabbits is >2000 mg/kg.

INGESTION: Single dose oral toxicity is low. The oral LD50 for male rats is to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury. Ingestion may cause gastrointestinal irritation or ulceration.

INHALATION: Single exposure to vapors is not likely to be hazardous.

SYSTEMIC (OTHER TARGET ORGAN) EFFECTS: Excessive exposure may cause liver, kidney or heart effects.

CANCER INFORMATION: Triclopyr did not cause cancer in long-term animal studies. This material

TERATOLOGY (BIRTH DEFECTS): Triclopyr did not cause birth defects in lab animals.

REPRODUCTIVE EFFECTS: In animal studies, triclopyr have been shown not to interfere with reproduction.

4. FIRST AID

EYES: Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.

SKIN: Wash off in flowing water or shower.

INGESTION: Do not induce vomiting. Give large amounts of water or milk if available and transport to medical facility.

INHALATION: Remove to fresh air if effects occur. Consult a physician.

NOTE TO PHYSICIAN: May cause tissue destruction leading to stricture. If lavage is performed, endotracheal and/or esophagoscopy control is suggested. No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

5. FIRE FIGHTING MEASURES:

FLASH POINT: NA

METHOD USED: NA

FLAMMABLE LIMITS:

LFL: Not determined

UFL: Not determined

EXTINGUISHING MEDIA: Foam, CO2

FIRE AND EXPLOSION HAZARDS: Irritating vapors under fire

conditions. Material is granular and except under gross fire conditions should not burn. Avoid contaminating water supplies with run-off water.

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

6. ACCIDENTAL RELEASE MEASURES:
(SEE SECTION 15 FOR REGULATORY INFORMATION)

ACTION TO TAKE FOR SPILLS: Clean up and use according to the label. Dike areas in case of large spills. Do not contaminate water supplies and irrigation ditches. In case of large spills, contact PROSAR.

7. HANDLING AND STORAGE:

PRECAUTIONS TO BE TAKE IN HANDLING AND STORAGE: For handling relative to the end-use of this product and information concerning the use of personal protective equipment (PPE) under the Worker Protection Standard of 1993, see the product label. Store in original container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

These precautions are suggested for conditions with a high potential for exposure. If handling procedures are such that there is only a low potential for exposure, less protection may be needed. Emergency conditions may require additional precautions.

EXPOSURE GUIDELINE(S);

3,5,6-TRICHLORO-2-PYRIDYLOXYACETIC ACID (TRICLOPYR),
TRIETHYLAMINE SALT: DOW AGRISCIENCE Industrial Hygiene Guideline is 2 mg/m³ as acid equivalent, Skin.
TRIETHYLAMINE: ACGIH TLV is 1 ppm, TWA, 3 ppm STEL, Skin,
A4. OSHA PEL is 10 ppm TWA, 15 ppm STEL.

ENGINEERING CONTROLS: Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required for certain operations, use a NIOSH approved nuisance dust respirator.

SKIN PROTECTION: When prolonged or frequently repeated contact could occur use protective clothing impervious to this material.

EYE PROTECTION: Glasses may be worn to protect eyes from dust.

9. PHYSICAL AND CHEMICAL PROPERTIES:

SEE DATA SECTION(S) FOR ADDITIONAL INFORMATION.

10. STABILITY AND REACTIVITY

STABILITY (CONDITIONS TO AVOID): Store under cool, dry conditions. Avoid elevated temperatures and direct sunlight.

INCOMPATIBILITY (SPECIFIC MATERIALS TO AVOID): Avoid acid, oxidizing material, halogenated organics, brass, copper, zinc, and aluminum.

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen chloride, nitrogen oxides under fire conditions; chlorinated pyridine.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION:

For detailed toxicological data, write the address shown in Section 1 or call the general phone number.

MUTAGENICITY: For active ingredients, in-vitro and animal mutagenicity studies were negative.

12. ECOLOGICAL INFORMATION

For detailed ecological data, write the address shown in the Section 1 or call the general phone number.
Information not available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Pesticide wastes are toxic. Improper disposal of excess pesticide or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

14. TRANSPORT INFORMATION:

For DOT regulatory information, if required, consult

transportation regulations, product shipping papers, or contact your Lebanon Seaboard Corporation representative.

15. REGULATORY 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, expressed 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 MSDS Sheet for health and safety information.

U.S. REGULATIONS:

SARA 313 INFORMATION: To the best of our knowledge, this product contains no chemical subject to SARA Title III Section 313 supplier notification requirements.

and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
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SARA HAZARD CATEGORY: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 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: An immediate health hazard

A delayed 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.

STATE RIGHT-TO-KNOW: The product components are below reporting levels.

OSHA HAZARD COMMUNICATION STANDARD: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATINGS:

HEALTH: 2

FLAMMABILITY: 1

REACTIVITY: 0

COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (CERCLA, OR SUPERFUND): To the best of our knowledge, this product contains no chemical

subject to reporting under CERCLA.

16. OTHER INFORMATION:

MSDS STATUS: Revised from 10 section to ANSI Standard 16
Section MSDS.

Updated all sections.

EPA REGISTRATION NUMBER: 961-406

The Information Herein Is Given In Good Faith, But No
Warranty, Express or Implied, Is Made. Consult Lebanon
Seaboard Corporation For Further Information.

ADDITIONAL/IMPORTANT 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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