

2154348 - PROSCAPE® 19-0-7 CONFRONT® SGN 200

MANUFACTURER/SUPPLIER: LEBANON SEABOARD CORPORATION MSDS

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

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 POINT: 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: 3/22/10 rev.

COMPONENT(S):

TRICLOPYR (3,5,6-TRICLORO-2-PYRIDINYLAOXYACETIC ACID) AS

THE TRIETHYLAMINE SALT:

OSHA PEL: NG ppm

ACGIH TLV: NG ppm

STEL: NG ppm

PERCENT OF PRODUCT: EQ 0.500%

CAS NO.: 57213691

COMPONENT NOTE - DOW AGRISCIENCES INDUSTRIAL HYGIENE

GUIDELINE: 2 mg/m3, acid equivalent, Skin

CLOPYRALID (3,6-DICHLORO-2-PYRIDINECARBOXYLIC ACID) AS

THE TRIETHYLAMINE SALT:

OSHA PEL: NG ppm

ACGIH: NG ppm

STEL: NG ppm

PERCENT OF PRODUCT: EQ 0.180%

CAS NO.: Not Given

NOTE - DOW AGRISCIENCES INDUSTRIAL HYGIENE GUIDELINE:

10 mg/m3

PROPRIETARY INGREDIENTS:

OSHA PEL: NG ppm

ACGIH TLV: NG ppm

STEL: NG ppm

PERCENT OF PRODUCT: EQ 0.817%

CAS NO.: Not Given

N,N-DIETHYLETHANAMINE:

OSHA PEL: NG ppm

ACGIH TLV: NG ppm

STEL: NG ppm

PERCENT OF PRODUCT: EQ 0.025%

CAS NO.: 121448

NOTE: Contained in 0.817% Proprietary Ingredients

ETHYLENEDIAMINE TETRAACETIC ACID:

OSHA PEL: NG ppm

ACGIH TLV: NG ppm

STEL: NG ppm

PERCENT OF PRODUCT: EQ 0.025%

CAS NO.: 60004

NOTE: EDTA/Contained in 0.817% Proprietary Ingredients

TRIETHYLAMINE:

OSHA PEL: 10 ppm

ACGIH TLV: 1 ppm

STEL: 15 ppm

PERCENT OF PRODUCT: NG

CAS NO.: Not Given

NOTE - OSHA PEL/ACGIH STEL: 3 ppm, SKIN

ETHANOL:

OSHA PEL: 1000 ppm

ACGIH TLV: 1000 ppm

STEL: NG ppm

PERCENT OF PRODUCT: NG

CAS NO.: Not Given

FERTILIZER BASE:

OSHA PEL: 15 mg/m3

ACGIH TLV: 10 mg/m3

STEL: NG ppm

PERCENT OF PRODUCT: EQ 98.052%

CAS NO.: Not Given

Text Section(s)

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT: PROSCAPE FERTILIZER WITH CONFRONT* HERBICIDE

*CONFRONT IS THE REGISTERED TRADEMARK OF DOW AGRISCIENCES

PRODUCT CODE:

MSDS:

EFFECTIVE DATE: 03/15/07 rev.

GENERAL INFORMATION PHONE: 1-800-532-0090

HEALTH EMERGENCY PHONE: 1-888-208-1368 PROSAR

ENVIRONMENTAL EMERGENCY: 800-424-9300 CHEMTREC

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.

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

Clopyralid (3,6-dichloro-2-pyridinecarboxylic acid), as the
triethylamine salt

PROPRIETARY INGREDIENTS, TOTAL, INCLUDING: N,N-

Diethylethanamine; EDTA (Ethylenediamine Tetraacetic
Acid) (Ethanol)

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 provide in this
standard.

3. HAZARDOUS IDENTIFICATIONS:

EMERGENCY OVERVIEW: HAZARDOUS CHEMICAL. GRANULAR - BROWN TO
GRAY, 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 and Clopyralid did not cause cancer in long-term animal studies. This material contains ethanol. Epidemiology studies provide evidence that drinking of alcoholic beverages (containing ethanol) is associated with cancer, and IARC has classified alcoholic beverages as carcinogenic to humans.

TERATOLOGY (BIRTH DEFECTS): Triclopyr did not cause birth defects in lab animals. Clopyralid caused birth defects in test animals, but only at greatly exaggerated doses that were severely toxic to the mothers. No birth defects were observed in animals at several times greater than those expected during normal exposure.

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

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 esophagosopic control is suggested. No specific antidote. Supportive care. Treatment based on judgement 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 CHEMTREC.

7. HANDLING AND STORAGE:

PRECAUTIONS TO BE TAKEN 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.
3,6-DICHLOROPICOLINIC ACID (CLOPYRALID): DOW AGRISCIENCE
Industrial Hygiene Guideline is 10 mg/m³.
ETHANOL (ETHYL ALCOHOL): ACGIH TLV and OSHA PEL are
1000 ppm. ACGIH classification is A4. PELs are in
accord with those recommended by OSHA, as in the 1989
revision of PELs.

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 SECTIONS 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 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 REPORTING

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: 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 NUMBER | CONCENTRATION |
|---------------------------------------|-------------|---------------|
| N,N-Diethylethanamine | 000121-44-8 | 0.025% |
| Trichlorpyr, Triethylammonium Salt | 057213-69-1 | 0.500% |

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): This product contains the following substance(s) listed as "Hazardous Substances" under CERCLA which may require reporting of releases:

CATEGORY:

| CHEMICAL NAME | RQ | % IN PRODUCT |
|-----------------------|------|--------------|
| Ethanol | 5000 | 0.025% |
| CAS#: 000060-00-4 | | |
| N,N-Diethylethanamine | 5000 | 0.026% |
| CAS#: 000121-44-8 | | |

16. OTHER INFORMATION:

MSDS STATUS: Revised from 10 section to ANSI Standard 16

Section MSDS. Updated all sections.

EPA REGISTRATION NUMBER: 62719-92-961

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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