

2240162 - LEBANON® PRO 0-0-7 .38 PRODIAMINE® SGN 220

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

PHYSICAL/CHEMICAL CHARACTERISTICS:

BOILING POINT: NA

MELTING POINT: NA

FREEZING POINT: NG

POUR POINT: NG

SOFTENING POINT: NG

SPECIFIC GRAVITY: NA

VAPOR PRESSURE: LT 1 MM HG.

VAPOR DENSITY: NA

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, bland odor.

FIRE AND EXPLOSION DATA:

CLOSED CUP FLASH PT.: NG

OPEN CUP FLASH POINT: NG

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.

COMPONENT(S):

Prodiamine

OSHA PEL: NE ppm

ACGIH TLV: NE ppm

STEL: NG ppm

PERCENT OF PRODUCT: EQ .38%

CAS NO.: Not given

Fertilizer

OSHA PEL: 15 mg/m³

ACGIH TLV: 10 mg/m³

STEL: NG ppm

PERCENT OF PRODUCT: EQ 99.62%

CAS NO.: Not given

NOTE: * Base, for all components NE=Not Established.

Text Section(s)

PRODUCT IDENTIFICATION

See above for additional information.

PRODUCT NAME: Leb. Fertilizer w/Barricade Preemergency Weed Control 0.38%.

EPA REG. NUMBER: 961-365.

INGREDIENT NAME: Barricade.

SYNONYM: Prodiamine.

CHEMICAL FAMILY: Dinitroaniline herbicide.

MANUFACTURER'S NAME AND ADDRESS:

LEBANON SEABOARD CORPORATION

1600 E. CUMBERLAND ST.

LEBANON, PA 17042.

TRANSPORTATION EMERGENCY:

HEALTH EMERGENCY CALL PROSAR: 888-208-1368.

ENVIRONMENTAL EMERGENCY: 800-424-9300 CHEMTREC

DISTRICT OF COLUMBIA: 202-483-7616.

NON-TRANSPORTATION HEALTH EMERGENCY PHONE: 888-208-1368 PROSAR

INFORMATION PHONE: 800-532-0090

HEALTH/SAFETY ALERT

CAUTION. Harmful if inhaled or absorbed through the skin.

Avoid breathing dust. Prolonged or frequently repeated skin contact may cause allergic reactions to some individuals. Read the product label.

FIRST AID PROCEDURES

EYE: Flush thoroughly with water for 15 minutes. Contact a physician if irritation persists.

SKIN: Wash with soap and water. Rinse thoroughly.

INGESTION: Drink 1 or 2 glasses of water. Induce vomiting by touching back of throat with finger or blunt object.

INHALATION: Remove the person to clear air.

IN ALL EMERGENCY SITUATIONS, CONTACT A PHYSICIAN.

NOTE TO PHYSICIAN

Treat symptomatically.

FIRE & EXPLOSION INFORMATION

See above for additional information.

NFPA RATING:

HEALTH: 1.

FIRE: 1.

REACTIVITY: 0.

SPECIAL PROPERTIES: None.

FLASH POINT: Does not flash.

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.

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

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

SPILL CONTROL AND CLEANUP

STEPS TO BE TAKEN: Carefully sweep up spilled material and put into a container and close it. Avoid breathing the dust.

ABSORBENTS: None.

COUNTERACTANTS: None.

INCOMPATIBLES: Oxidizing agents.

PRODUCT WASTE DISPOSAL

If possible, use collected 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 sensitization.

ACUTE TOXICITY:

ORAL (LD50): Rats-greater than 5,000 mg/kg.

DERMAL (LD50): Rats-greater than 2,000 mg/kg.

INHALATION (LD50): Greater than 1.8 mg/L (highest concentration that could be generated did not cause animal deaths).

PRIMARY ROUTES OF ENTRY:

ORAL: No.

DERMAL: No.

INHALATION: Yes.

CARCINOGEN AS DETERMINED BY:

NTP: Not listed.

IARC: Not listed.

OSHA: Not listed.

OTHER TOXICOLOGICAL INFORMATION:

SENSITIZER: Mildly sensitizing.

SKIN IRRITATION: Non-irritating (rabbits).

EYE IRRITATION: Mildly irritating (rabbits).

TARGET ORGAN(S): None identified.

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.

PHYSICAL INFORMATION

See above for additional information.

STABILITY: Stable.

REACTIVITY: Not reactive.

DECOMPOSITION PRODUCT: None known to form at ambient conditions.

REGULATORY REPORTING

SARA SECTION 311/312 HAZARD CATEGORIES:

IMMEDIATE HEALTH: Yes (irritation).

DELAYED HEALTH: No.

FIRE: No.

SUDDEN PRESSURE: No.

REACTIVITY: No.

SPECIAL NOTES

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.

ADDITIONAL/IMPORTANT INFORMATION

Manufacturer approval of this MSDS is pending.

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.

//