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5/13/97 9:24 MSDS01PG
                          (R) MSDS PRINTOUT
                                                 (RO)
                                                             SIDES
                                                                        PG-
                                                                              1
PRODUCT: 24-40848 LEB CRAB CTRL 4.6% TUPERSN BG6020LB LB
MSDS NO.:
               2246
 0002246
           LEBANON CRABGRASS CONTROL - 4.6% TUPERSAN
                                                                             LEB
           04/21/1994
Formula: NOT GIVEN
Manufacturer
   Lebanon Chemical Corp.
   P.O. Box 180
                                                      Phone:
   Lebanon, PA USA 17042-0180
                                                   Emergency: 717 273-1685
 Supplier
    Lebanon Chemical Corp.
   P.O. Box 180
                                                       Phone:
   Lebanon, PA USA 17042-0180
                                                   Emergency: 717 273-1685
 Physical/Chemical Characteristics
    Boiling Point ..... NA
   Melting Point ..... NA
    Freezing Point ..... NG
    Pour Point ..... NG
    Softening Point .....: NG
   Specific Gravity ....: NA Vapor Pressure ....: NA
   Vapor Density ..... NA
    Percent Volatiles ....: NG
    Evaporation Rate ....: NG
                                                 8
    pH ..... BT
    Molecular Weight ....: NG
   Viscosity ..... NG
    Solubility in Water ..: NOT SOLUBLE.
    Odor/Appearance/Other Characteristics:
YELLOWISH GRANULES - SLIGHT ODOR / DENSITY: 30#/FT3.
 Fire and Explosion Data
    Closed Cup Flash Pt. .: NA
    Open Cup Flash Point .: NA
    Fire Point ..... NG
    Auto Ignition ..... NA
    Lower Explosion Limit: NA
    Upper Explosion Limit: NA
 Shipping Regulations
    UN/NA Number:
    DOT Hazard Class: NG
    Shipping Label: NOT GIVEN
    Shipping Name:
                      NOT GIVEN
 Prepared
    Preparer's Name & Title: NOT GIVEN
    Preparation Date: 9/06/88
 Component(s):
    1-(2-METHYLCYCLOHEXYL)-3-PHENYLUREA (SIDURON)
      OSHA Pel:
                    N* ppm
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N* ppm

NG ppm

ACGIH TLV: STEL:

MAY 1 9 1997

SIDES PG-5/13/97 9:24 MSDS01PG (R) MSDS PRINTOUT (RQ) PRODUCT: 24-40848 LEB CRAB CTRL 4.6% TUPERSN BG6020LB LB (CONTINUED) MSDS NO.: 2246 CAS No.: 1982496 Percent of Product: EQ 4.6% Note: * SIDURON / PEL/TLV: N/L. CORN COB BASE 15 mg/m3 OSHA Pel: ACGIH TLV: 10 mg/m3 STEL: NG ppm Percent of Product: EQ 95.40% CAS No.: NOT GIVEN Note: * NUISANCE DUST. Text Section(s) IDENTIFICATION SEE DATA PAGES FOR ADDITIONAL INFORMATION. PRODUCT NAME: LEBANON CRABGRASS CONTROL - 4.6% TUPERSAN. EPA NO.: 961-309 EMERGENCY TELEPHONE NUMBER: (717) 273-1685. OTHER INFORMATION CALLS: Same. MANUFACTURER'S NAME AND ADDRESS: LEBANON CHEMICAL CORPORATION P.O. BOX 180 LEBANON, PA 17042 HAZARDOUS INGREDIENTS/IDENTITY SEE COMPONENT PAGE(S) FOR ADDITIONAL INFORMATION. OTHER EXPOSURE LIMIT HAZARDOUS COMPONENTS (CHEMICAL & COMMON NAME(S) 1-(2-Methylcyclohexyl) -3-Phenylurea N/L (Siduron) N/L Corn Cob Base (Nuisance dust) PHYSICAL & CHEMICAL CHARACTERISTICS SEE DATA PAGES FOR ADDITIONAL INFORMATION.

FIRE & EXPLOSION DATA

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(CONTINUED)

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SEE DATA PAGES FOR ADDITIONAL INFORMATION.

EXTINGUISHER MEDIA: Water, foam or dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Us self-contained breathing apparatus and protective clothing. Do not allow contamination of water supply.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Toxic fumes may be emitted.

40 MI TO 100 MI

PHYSICAL HAZARDS

(REACTIVITY DATA)

STABILITY: Stable.

CONDITIONS TO AVOID: None determined.

INCOMPATIBILITY (MATERIALS TO AVOID): None determined.

HAZARDOUS DECOMPOSITION PRODUCTS: Fire conditions may emit toxic fumes.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None determined.

HEALTH HAZARDS

ACUTE: Not determined.

CHRONIC: Not determined.

SIGNS AND SYMPTOMS OF EXPOSURE: Not determined.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Possible skin irritation for sensitive individuals.

CHEMICALS LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:

NATIONAL TOXICOLOGY PROGRAM: No.

IARC MONOGRAPHS: No.

OSHA: No.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove to fresh air.

EYES: Flush eyes with running water.

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(CONTINUED)

PRODUCT: 24-40848 LEB CRAB CTRL 4.6% TUPERSN BG6020LB LB

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SKIN: Wash with soap and water.

INGESTION: Seek medical attention.

ROUTES OF ENTRY:

INHALATION: Not likely.

EYES: Not likely.

SKIN: Possible for sensitive individuals.

INGESTION: Not likely.

SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in a dry area, away from foodstuffs or other chemicals. Wash hands with soap and water after handling.

OTHER PRECAUTIONS: None.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Clean up and use per label directions. If contaminated, place in proper waste disposal. Avoid contamination of any body of water.

WASTE DISPOSAL METHODS (CONSULT FEDERAL, STATE, AND LOCAL REGULATIONS): Wrap carefully and place in proper pesticide waste disposal. Avoid contamination of any body of water.

SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): Nuisance dust respirator.

VENTILATION: Normal.

LOCAL EXHAUST: Not required.

MECHANICAL (GENERAL): Not required.

SPECIAL: None. OTHER: None.

PROTECTIVE GLOVES: Rubber gloves may be worn.

EYE PROTECTION: Protective goggles or glasses.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None normally required.

WORK/HYGIENIC PRACTICES: Wash with soap and water after using.

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PRODUCT: 24-40848 LEB CRAB CTRL 4.6% TUPERSN BG6020LB LB (CONTINUED)

MSDS NO.: 2246

ADDITIONAL/IMPORTANT INFORMATION

Manufacturer approval of this MSDS is pending.