

MATERIAL SAFETY DATA SHEET

MATERIAL IDENTIFICATION

NAME: Demize E. C.
DISTRIBUTOR: Paragon Professional Pest Control Products
PREPARED BY: C. T. Martin

ADDRESS: 3635 Knight Rd., Suite 7, Memphis, TN 38118
EMERGENCY TELEPHONE: 901-362-1950/Chemtec 800-424-9300
DATE PREPARED: September 7, 1993

SECTION 1 - GENERAL INFORMATION

MANUFACTURER: Speer Products, Inc.
PROPER SHIPPING NAME: (49CFR 172.101) CONSUMER COMMODITY
E.P.A. REGISTRATION NUMBER: 2724-769-57076

ADDRESS: 4242 B. F. Goodrich Blvd., Memphis, TN 38118
D. O. T. HAZARD CLASS (49CFR 172.101) ORM-D
GENERIC DESCRIPTION: Liquid Insecticide Concentrate

SECTION 2 - HAZARDOUS INGREDIENTS*

| Material | CAS # | % | TWA | STEL |
|--------------------|---------|--------|----------|----------|
| Piperonyl Butoxide | 51-03-6 | < 41.0 | not est. | not est. |
| Linalool | 78-70-6 | < 40.0 | not est. | not est. |

Balance of formula is made up of inerts.

SECTION 3 - EFFECTS OF OVEREXPOSURE

EYES: Will cause temporary discomfort.
SKIN: May cause skin irritation in rare cases.
INHALATION: Possible slight irritation to respiratory passages.
ORAL: Amounts transferred to the mouth by fingers, etc. during normal operations should not cause injury.
SYSTEMIC AND OTHER EFFECTS: Possible nausea or dizziness.
CHEMICALS LISTED AS CARCINOGENS OR POTENTIAL CARCINOGENS: NONE
COMMENT: Unnecessary exposure to this product, or any chemical, should be avoided. For external use only: do not ingest.

SECTION 4 - EMERGENCY AND FIRST AID PROCEDURES

EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Call a physician.
SKIN: Wash with soap and water. Get medical attention if irritation persists.
INHALATION: Remove to fresh air.
ORAL: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with a finger. Do not induce vomiting or give anything by mouth to an unconscious person.

SECTION 5 - FIRE AND EXPLOSION DATA

FLASH POINT: > 150 degrees F
AUTOIGNITION: NA
FLAMMABILITY LIMITS IN AIR, % by volume: UPPER: not est. LOWER: not est.
EXTINGUISHING MEDIA: Dry chemical or carbon dioxide. For large fires, use alcohol-type foam extinguishers.
UNUSUAL FIRE OR EXPLOSION HAZARDS: NONE KNOWN
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals.

SECTION 6 - PHYSICAL DATA

BOILING POINT (F): NA
VAPOR PRESSURE: (PSIG @ 70F): > .4mm Hg
SOLUBILITY IN WATER: Miscible
APPEARANCE & ODOR: Clear pale yellow concentrate with woody/floral odor.
SPECIFIC GRAVITY OF CONCENTRATE: 0.960
PERCENT VOLATILE BY VOLUME: 99+%.
EVAPORATION RATE: not est.

SECTION 7 - REACTIVITY DATA

STABILITY: STABLE
INCOMPATIBILITY (MATERIAL TO AVOID): None known.
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS: Products of combustion are principally carbon dioxide, carbon monoxide, and water.
CONDITIONS TO AVOID: Do not store above 130° F. Do not store near open flame.

SECTION 8 - SPILL, LEAK AND DISPOSAL PROCEDURES

SPILL RESPONSE: Remove ignition sources. Use absorbent material to collect and contain for salvage or disposal.

PROTECTIVE EQUIPMENT:

EYES: Use proper protection - safety glasses as a minimum.
SKIN: Wash hands after handling material.*
INHALATION: No respiratory protection required.

WASTE DISPOSAL METHOD: Empty containers may be discarded in trash. Full or leaking containers should be taken to a local disposal company for treatment or incineration. SPEER PRODUCTS suggests that all Local, State, and Federal Regulation concerning health and pollution be reviewed to determine approved disposal procedures.

* Good practice requires that gross amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.

SECTION 9 - ROUTINE HANDLING PRECAUTIONS

PROTECTIVE EQUIPMENT: NONE REQUIRED
SKIN: Wash hands after using product and before eating or smoking.
INHALATION: No respiratory protection needed when used according to directions.
VENTILATION: Use only in a well-ventilated area.
COMMENTS: Use only at normal room temperatures.
Do not puncture or incinerate container.

* Good practice requires that gross amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.

SECTION 10 - SPECIAL PRECAUTIONS

HANDLING & STORAGE: Do not store above 130°F. Do not store near open flames.

OTHER PRECAUTIONS: Read and follow directions on product label.

REGULATORY REQUIREMENTS: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Section 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:
A fire hazard

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 |
|---------------|------------|---------------|
|---------------|------------|---------------|

None
These data are offered in good faith as typical values and not as a product specification. No warranty, either express or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

MATERIAL SAFETY DATA SHEET

MATERIAL IDENTIFICATION

NAME: Demize Nylar IGR
DISTRIBUTOR: Paragon Professional Pest Control Products
PREPARED BY: R. LeVasseur

EMERGENCY TELEPHONE: 901-362-1950/Chemtrec 800-424-9300
DATE PREPARED: March 27, 1996

SECTION 1 - GENERAL INFORMATION

MANUFACTURER: Speer Products. ADDRESS: 4242 B.F. Goodrich Blvd., Memphis, TN 38118
PROPER SHIPPING NAME (49CFR 172.101): CONSUMER COMMODITY D.O.T. HAZARD CLASS (49CFR 172.101): ORM-D
E.P.A. REGISTRATION NUMBER: 2724-661-57076 GENERIC DESCRIPTION: Premise Emulsifiable Concentrate

SECTION 2 - HAZARDOUS INGREDIENTS*

| Material | CAS# | % | TWA | STEL |
|---|------------|-----|----------|----------|
| Pyriproxyfen *Hazardous within the meaning of '29 CFR 1910.1200' | 95737-68-1 | 1.3 | not est. | not est. |

SECTION 3 - EFFECTS OF OVEREXPOSURE

EYES: May cause temporary irritation, tearing and blurred vision.
SKIN: Prolonged or repeated exposure can cause irritation and reddening of the skin, possibly progressing into dermatitis.
ACUTE INHALATION: May cause mild irritation to nasal and upper respiratory passages.
ORAL: Can cause stomach irritation resulting in nausea, cramps and vomiting.
COMMENT: Unnecessary exposure to this product, or any chemical, should be avoided.

SYSTEMIC & OTHER EFFECTS: None known.
CARCINOGENICITY: NTP Not listed
IARC monographs Not listed
OSHA Not listed
AGIH Not listed

SECTION 4 - EMERGENCY AND FIRST AID PROCEDURES

EYES: Wash repeatedly with cold water. Get medical attention if irritation persists.
SKIN: Wash skin with soap and water. Remove contaminated clothing.
INHALATION: Remove to fresh air.
ORAL: Call a physician or Poison Control Center.

SECTION 5 - FIRE AND EXPLOSION DATA

FLASH POINT: >153F TCC
FLAME EXTENSION: NA
UNUSUAL FIRE OR EXPLOSION HAZARDS: None Known.
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals. Firefighters should use protective shielding to avoid being hit by rupturing containers.

AUTOIGNITION: NA.
FLAMMABILITY LIMITS IN AIR, % by vol.: UPPER: not est. LOWER: not est.

SECTION 6 - PHYSICAL DATA

BOILING POINT (F): not est.
VAPOR PRESSURE: (PSIG @ 70° degrees F): Not det.
SOLUBILITY IN WATER: Emulsifiable EVAPORATION RATE (WATER=1): 0.9
APPEARANCE & ODOR: Colorless liquid with solvent odor.

SPECIFIC GRAVITY OF CONCENTRATE: 0.8
PERCENT VOLATILE BY VOLUME: not est.

SECTION 7 - REACTIVITY DATA

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: Do not store above 130F. Do not store near open flame.

INCOMPATIBILITY (MATERIAL TO AVOID): Heat and acidic or alkaline conditions may cause this product to break down. Contact with strong oxidizers may produce an explosive mixture.
HAZARDOUS DECOMPOSITION PRODUCTS: Products of combustion are principally carbon dioxide, carbon monoxide and water.

SECTION 8 - SPILL, LEAK AND DISPOSAL PROCEDURES

SPILL RESPONSE: Remove ignition sources. Use absorbent material to collect and contain for salvage or disposal. Ventilate area.
This product contains no CERCLA listed chemicals.

PROTECTIVE EQUIPMENT:
EYES: Use proper protection—OSHA approved safety glasses as a minimum.
SKIN: Wear rubber gloves; immediately wash with soap and water exposed skin.*
INHALATION: In the absence of proper ventilation, use a respirator approved by NIOSH/MSHA for use with pesticides and organic solvents.

WASTE DISPOSAL METHOD: Empty containers may be discarded in trash. Full or leaking containers should be taken to a local disposal company for treatment or incineration. SPEER PRODUCTS suggests that all Local, State, and Federal Regulations concerning health and pollution be reviewed to determine approved disposal procedures. Do not contaminate water, food or feed by storage or disposal.

* Good practice requires that gross amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.

SECTION 9 - ROUTING HANDLING PRECAUTIONS

PROTECTIVE EQUIPMENT: None required; however, it is recommended that professional applicators (those with repeated and extended exposure) wear appropriate protective equipment.
SKIN: Avoid skin contact. Wash hands after using product.*

INHALATION: Use only in a well-ventilated area.
VENTILATION: No special ventilation required when used according to label directions. Mechanical ventilation should be used when handling this product in enclosed spaces.
COMMENTS: Use only at normal room temperatures.

* Good practice requires that gross amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.

SECTION 10 - SPECIAL PRECAUTIONS

HANDLING & STORAGE: Do not store above 130° F. Do not store near open flames.
OTHER PRECAUTIONS: Read and follow directions on product label.
REGULATORY REQUIREMENTS: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Section 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:
Immediate health (acute)

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 # | CONCENTRATION: |
|----------------|-------|-------------------|
| Glycol Ethers | none | not more than 2.1 |

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