

PUBLIC NOTICE

WINTER MOTH SPRAYING

Please be advised that on March 20th through March 22nd, weather permitting, during early morning hours, a two part tree spraying program will start. Areas will be the Village, North Street and all streets in between including Main Street and designated Scenic Roads to include Long Plain Road, Acushnet Road and River Road.

On these days PLEASE DO NOT PARK your vehicles under or near street trees.

The second part of this spraying will be in April or the beginning of May. Information will be published a week in advance of when this will start.

Roland J. Cote

TREE WARDEN

MATERIAL SAFETY DATA SHEET

Drexel Chemical Co.
1700 Channel Avenue
Memphis, TN 38113

Emergency Telephone No.
(901) 774-4370
1-800-424-9300 (ChemTrec)

SECTION I - GENERAL INFORMATION

TRADE NAME	DAMOIL
CHEMICAL NAME	Paraffinic Oil Blend
CHEMICAL FAMILY	Paraffinic Oil
EPA REG. NO.	19713-123
SIGNAL WORD	CAUTION

SECTION II - INGREDIENTS (Class = H (Hazardous), NH (Non-Hazardous))

NAME	CAS NO.	% (by wt.)	TLV	CLASS
Paraffinic Oil	64742-55-8	98.0	5mg/m3	NH
Inerts	N/A	2.0	N/A	NH

SECTION III - PHYSICAL DATA

Boiling Point	282°C	Specific Gravity	0.85 gms/cc
Vapor Pressure	Negligible	% Volatiles	Negligible
Vapor Density	>5.0	Solubility in Water	Emulsifies
pH	Neutral	Appearance/Odor	Clear liquid, petroleum odor

SECTION IV - FIRE & EXPLOSION DATA

Flash Point	>350°F (Non-Combustible)
Extinguishing Media	Water, fog foam, carbon dioxide
Fire Fighting Procedures	Protect against inhalation of combustion products. Assure self-contained breathing apparatus is worn.

SECTION V - REACTIVITY DATA

Stability	Stable
Conditions to Avoid	Extreme temperatures
Incompatibility	Strong oxidants
Hazardous Decomposition Products	Oxides of carbon, aldehydes
Hazardous Polymerization	Will not occur.

SECTION VI - HEALTH HAZARD DATA

Carcinogenicity	N/A
Toxicity Data	Oral LD50 (Rat) = >5 gms/kg Dermal LD50 (Rabbit) = 3.16 g/kg
TLV	5 mg/m3
N.F.P.A.	Health: 1, Fire: 1, Reactivity: 0 (Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)
Effects of Overexposure	Prolonged contact with skin may cause irritation.

SECTION VII - EMERGENCY PROCEDURES

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious or convulsing person.

If in Eyes: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes.

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.

Call a poison control center or doctor for further treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

SECTION VIII - SPILL OR LEAK PROCEDURES

Steps to be taken in case of material leak or spill
Absorb on inert materials. Put into secure containers for proper disposal. Assure protective clothing is worn. Prevent runoff if possible.

Waste Disposal Method
Dispose of in accordance with Local, State, and Federal Regulations.

SECTION IX - SPECIAL PROTECTION INFORMATION

Respiratory Protection	Normally none required
Ventilation	General recommended
Protective Gloves	Rubber impervious
Eye Protection	Chemgoggles
Other	Coveralls, long-sleeved shirt, rubber boots

SECTION X - SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling & Storage
KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.
Store in cool, dry place. Keep containers closed when not in use. Avoid contact with skin and eyes.

D.O.T. Description	Non-Regulated
Freight Description	Agricultural Miticide, Liquid, N.O.S.
Reportable Quantity	N.A.
E.R.G. Guide Sheet	N/A

The information presented herein for consideration, while not guaranteed, is true and accurate to the best of our knowledge. No warranty, or guaranty is expressed or implied regarding the accuracy or reliability of such information and we shall not be liable for any loss or consequential damages arising out of the use thereof.

Date Prepared: 6-9-04

CONSERVE* SC TURF AND ORNAMENTAL INSECT CONTROL

Emergency Phone: 800-992-5994

Dow AgroSciences LLC
Indianapolis, IN 46268

Effective Date: 7/25/01

Product Code: 53557

MSDS: 005864

1. PRODUCT AND COMPANY IDENTIFICATION:

PRODUCT: Conserve* SC Turf and Ornamental Insect Control

COMPANY IDENTIFICATION:

Dow AgroSciences
9330 Zionsville Road
Indianapolis, IN 46268-1189

2. COMPOSITION/INFORMATION ON INGREDIENTS:

Spinosad:	Spinosyn A	CAS # 131929-60-7	11.6%
	Spinosyn D	CAS # 131929-63-0	
Other ingredients, total, including:			88.4%
Propylene Glycol (1,2-Propanediol)		CAS #.000057-55-6	

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. HAZARDOUS IDENTIFICATIONS:

EMERGENCY OVERVIEW

Off-white to tan liquid suspension with low odor. May cause slight eye irritation. The LD₅₀ for skin absorption in rabbits is >5000 mg/kg. The oral LD₅₀ for rats is >5000 mg/kg. Inhalation LC₅₀ for rats for 4 hours is >17 mg/L. Product is toxic to aquatic invertebrates and fish.

EMERGENCY PHONE NUMBER: 800-992-5994

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

EYE: May cause slight transient (temporary) eye irritation. Corneal injury is unlikely.

SKIN: Essentially non-irritating to the skin. The LD₅₀ for skin absorption in rabbits is >5000 mg/kg. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts. Did not cause allergic skin reactions when tested in guinea pigs.

INGESTION: Single dose oral toxicity is extremely low. The oral LD₅₀ for rats is >5000 mg/kg. No hazards anticipated from swallowing small amounts incidental to normal handling operations.

INHALATION: A single prolonged (hours) inhalation exposure is not likely to cause adverse effects. The LC₅₀ for rats for 4 hours is >17 mg/L.

SYSTEMIC (OTHER TARGET ORGANS) EFFECTS: In animals, has been shown to cause vacuolation of cells in various tissues and changes in blood and serum biochemistry. Dose levels producing these effects were many times higher than any dose levels expected from exposure due to use.

CANCER INFORMATION: Spinosad did not cause cancer in laboratory animals.

TERATOLOGY (BIRTH DEFECTS): Spinosad did not cause birth defects in laboratory animals.

REPRODUCTIVE EFFECTS: In animal studies, spinosad has been shown not to interfere with reproduction.

4. FIRST AID:

EYE: Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

INGESTION: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

INHALATION: Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably by mouth to mouth. Call a poison control center or doctor for further treatment advice.

NOTE TO PHYSICIAN: 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: Not determined (aqueous suspension)

METHOD USED: Not applicable

FLAMMABLE LIMITS:

LFL: Not determined (water-based product)

UFL: Not determined (water-based product)

EXTINGUISHING MEDIA: To extinguish combustible residues of this product use water fog, carbon dioxide, dry chemical or foam.

FIRE AND EXPLOSION HAZARDS: Keep people away. Isolate fire area and deny unnecessary entry. Under fire conditions some components of this product may decompose. The smoke may contain unidentified toxic and/or irritating compounds.

FIRE-FIGHTING EQUIPMENT: Wear positive-pressure, self-contained breathing apparatus (SCBA) and protective fire-fighting clothing (includes fire-fighting helmet, coat, pants, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

6. ACCIDENTAL RELEASE MEASURES:

ACTION TO TAKE FOR SPILLS/LEAKS: Use non-reactive absorbent to absorb small spills and collect for disposal. Report large spills to Dow AgroSciences 800-992-5994.

7. HANDLING AND STORAGE:

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep out of reach of children. Avoid eye contact. Do not take internally. Wash thoroughly after handling and before eating, drinking, or smoking. Store product in original container. See product label for additional instructions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

These precautions are suggested for conditions where the potential for exposure exists. Emergency conditions may require additional precautions.

EXPOSURE GUIDELINES: Spinosad: Dow AgroSciences Industrial Hygiene Guide is 0.3 mg/M³, TWA.

Propylene glycol: AIHA WEEL is 50 ppm total, 10 mg/M³ aerosol only.

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

RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS:

EYE/FACE PROTECTION: Use of safety glasses is recommended.

SKIN PROTECTION: No precautions other than clean body-covering clothing should be needed. See product label for additional instructions.

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below the exposure guideline.

APPLICATORS AND ALL OTHER HANDLERS: Refer to the product label for personal protective clothing and equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES:

BOILING POINT: 100°C (212°F) water

PHYSICAL STATE: Liquid suspension

ODOR: Low odor

DENSITY: 1.0374 g/ml

SOLUBILITY IN WATER: Dispersible

VAPOR PRESSURE: Similar to water

APPEARANCE: Off-white to light tan

10. STABILITY AND REACTIVITY:

STABILITY (CONDITIONS TO AVOID): Thermally stable at typical use temperatures. Some components of this product can decompose at elevated temperatures.

INCOMPATIBILITY (SPECIFIC MATERIALS TO AVOID): None known

HAZARDOUS DECOMPOSITION PRODUCTS: Hazardous decomposition products depend upon temperature, air supply, and the presence of other materials.

HAZARDOUS POLYMERIZATION: Not known to occur.

11. TOXICOLOGICAL INFORMATION:

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

12. ECOLOGICAL INFORMATION:

ENVIRONMENTAL FATE:

MOVEMENT & PARTITIONING:

Based largely or completely on information for spinosad and propylene glycol: Bioconcentration potential is low (BCF <100 or Log Pow <3).

DEGRADATION AND PERSISTENCE:

Based largely or completely on information for spinosad:

The photolysis half-life in soil is 9 days.

Under aerobic soil conditions the half-life is 9 to 17 days.

Based largely or completely on information for propylene glycol:

Material is readily biodegradable.

Passes OECD test(s) for ready biodegradability.

ECOTOXICOLOGY:

Based largely or completely on information for spinosad:

Material is highly toxic to aquatic invertebrates on an acute basis (LC₅₀/EC₅₀ is between 0.1 and 1 mg/L).

Material is moderately toxic to fish on an acute basis (LC₅₀ is between 1 and 10 mg/L).

Material is practically non-toxic to birds on an acute basis (LC₅₀ is >2000 mg/kg).

Material is practically non-toxic to birds on a dietary basis (LC₅₀ is >5000 ppm).

Acute contact LD₅₀ in honeybee (*apis mellifera*) is 0.05 µg/bee.

Based largely or completely on information for propylene glycol:

Material is practically non-toxic to aquatic organisms on an acute basis (LC₅₀/EC₅₀ is >100 mg/L in most sensitive species).

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHOD: Improper disposal of excess product, spray mixture, or rinsate is a violation of the Federal law. If these wastes cannot be disposed 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:

This product is not regulated by DOT when shipped domestically by land.

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, express 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.

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.

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

STATE RIGHT-TO-KNOW: The following product components are cited on certain state lists as mentioned. Non-listed components may be shown in the composition section of the MSDS.

CHEMICAL NAME	CAS NUMBER	LIST
1,2-PROPANEDIOL	000057-55-6	PA1

PA1=Pennsylvania Hazardous Substance (present at greater than or equal to 1.0%).

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 Sections: 3, 4, & 12

Reference: DR-0354-9368

Replaces MSDS dated: 10/19/00

Document Code: D03-090-005

Replaces Document Code: D03-090-004

The Information Herein Is Given In Good Faith, But No Warranty, Express or Implied, Is Made. Consult Dow AgroSciences for Further Information.