SAFETY DATA SHEET

DREXEL DAMOIL™ DORMANT & SUMMER SPRAY OIL

Section 1: Material Identification

Product Name:	Drexel Damoil™ Dormant & Summer Spray Oil
EPA Reg No.:	19713-123
CAS NO:	8042-47-5
Formula:	Mineral Oil
Company:	Drexel Chemical Company 1700 Channel Avenue Memphis, TN 38106
Synonyms:	Paraffin Oil

Identifiers:

EINECS:	232-455-8
RTECS:	PY8047000
DOT label:	non-regulated

Emergency Telephone Number:

CHEMTREC	Drexel Chemical Co.
Tel: 1-800-424-9300	901-774-4370

This product is an EPA FIFRA registered pesticide. Some of the classifications on this SDS are not the same as the FIFRA label. Certain sections of this SDS are superseded by federal law governed by EPA for a registered pesticide. Please see **Section 15. REGULATORY INFORMATION** for explanation.

Section 2: Hazard Identification

(As defined by the OSHA Hazard Communication Standard, 29)

GHS Classification	Acute Inhalation	Category 4
	Skin Irritation	Category 2
	Eye Irritation	Category 2B

GHS Label Elements

Signal word Warning

Hazard statement

Harmful if inhaled
Causes skin irritation
Causes eye irritation

Precautionary statement

Prevention

Avoid breathing vapors or mist. Use only outdoors or in a well-ventilated area. Wash exposed skin thoroughly after handling. Use gloves chemically resistant to this material. Examples of preferred glove barrier materials include: Neoprene, Nitrile/butadiene rubber ("nitrile" or "NBR") or Polyvinyl chloride ("PVC" or "vinyl").

Response

If inhaled: Remove person to fresh air and keep comfortable for breathing. Call Poison Control Center of Doctor if you feel unwell.
If on skin: Wash with plenty of water while removing contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Destroy contaminated leather items such as shoes, belts, and watchbands.
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 eyes for at least 10 minutes. If eye irritation persists: get medical attention, preferably from an ophthalmologist

Storage

Store in a cool, dry, well ventilated, and secure area designated specifically for pesticides and away from heat sources. Keep in original containers and keep containers closed when not in use. Do not store in excessive heat. Do not store near children, food, foodstuffs, drugs or potable water supplies.

Disposal

Dispose of contents/container in accordance with your local or area regulatory authorities.

Section 3: Composition Information

Components	% By Wt.	OSHA PEL:	ACGIH TLV:
Active Ingredient:			
Mineral Oil	98.0%	N/Av	5 mg/m^3
Other Ingredients:	2.0%	N/A	N/A

Section 4: First-Aid Measures

Eye Contact: 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 eyes for at least 10 minutes. Obtain medical attention without delay, preferably from an ophthalmologist

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Wash out mouth with water. 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. Have product label with you when calling a poison control center or doctor.

Skin Contact: Immediately flush skin with plenty of water for 15 minutes while removing contaminated clothing and shoes. Wash skin with soap and water.Get medical attention if symptoms occur. Wash clothing before reuse. Destroy contaminated leather items such as shoes, belts, and watchbands.

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. Loosen tight clothing such as collar, tie, belt or waistband. Call a poison control center or doctor for further treatment advice.

Note to Physician: No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Section 5: Fire Fighting Measures

Fire Hazards: Low fire hazard. This material must be heated before ignition will occur. May be combustible at high temperature.

Flammability classification (OSHA 29 CFR 1910.1200): Non-Combustible
Flash point: >350°F
Lower flammable limit (% by volume): N/Av
Upper flammable limit (% by volume): N/Av

Fire Fighting Procedures: Keep people away. Isolate fire and deny unnecessary entry. Evacuate the area and fight the fire from upwind at a safe distance to avoid hazardous vapors or decomposition products. Dike and collect fire-extinguishing water to prevent environmental damage and excessive waste runoff.

Firefighting media: Use foam, carbon dioxide, or water fog when fighting fires involving this product. Do not use water jet, as this may spread burning material. Minimize the use of water to avoid environmental contamination. Contain all runoff.

Special Protective Equipment for Firefighters:
Wear positive-pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (includes firefighting helmet, coat, trousers, boots, and gloves). Use full face shield and operate in positive pressure mode.

Hazardous Combustion Products: Carbon oxides (CO, CO_2), smoke and irritating vapors as products of incomplete combustion.

(NFPA):	Health:	Flammability:	Reactivity:
	1	1	0

Section 6: Accidental Release Measures

Steps to be taken if Material is Released or Spilled:

- Contain spilled material if possible. Small spills: Sweep up. Collect in suitable and properly labeled containers. Large spills: Contact Drexel Chemical Co. for clean-up assistance. See Section 13, Disposal Considerations, for additional information.

Personal Precautions:

- Isolate area. Keep unnecessary and unprotected personnel from entering the area. Refer to Section 7, Handling, for additional precautionary measures. Spilled material may cause a slipping hazard. Ventilate area of leak or spill. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

Environmental Precautions: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.

Section 7: Handling and Storage

KEEP OUT OF REACH OF CHILDREN

Handling: **General Handling:** Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Do not swallow. Avoid breathing vapor. Use with adequate ventilation. Wear chemical protective equipment when handling. Keep away from heat, sparks and flame. See Section 8, Exposure Controls and Personal Protection.

Storage: Store in a cool, dry area designated specifically for pesticides and away from heat sources. Keep in original containers and keep containers closed when not in use. Do not store in excessive heat. Do not store near children, food, foodstuffs, drugs or potable water supplies.

Section 8: Exposure Controls/ Personal Protection

Exposure Limits: TLV Mineral Oil 5 mg/m^3

Personal Protection:

Eye/Face Protection: Wear safety glasses with side shields or chemical splash goggles to prevent vapors or mists from entering the eyes. If using a full face shield, always use safety glasses or goggles along with the face shield to ensure adequate protection of the eyes.

Skin Protection: Wear coveralls, long-sleeved shirt and rubber boots. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task. Safety shower should be located in immediate work area. Remove contaminated clothing immediately, wash skin area with soap and water, and launder clothing before reuse or dispose of properly. Items which cannot be decontaminated, such as shoes, belts and watchbands, should be removed and disposed of properly.

Hand protection: Use gloves chemically resistant to this material. Examples of preferred glove barrier materials include: Neoprene, Nitrile/butadiene rubber ("nitrile" or "NBR") or Polyvinyl chloride ("PVC" or "vinyl"). NOTICE:

Respiratory Protection: Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. When handling in enclosed areas, when large quantities of mists are generated or prolonged exposure is possible in excess of the TLV, use a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefixTC-14G).

Ingestion: Avoid ingestion of even very small amounts; do not consume or store food or tobacco in the work

area; wash hands and face before smoking or eating.

Engineering Controls:

Ventilation: When handling this product proper ventilation is required to maintain exposure below the TLV. Ventilate all transport vehicles prior to unloading. Facilities storing or utilizing this material should be equipped with and eyewash facility and safety shower.

Section 9: Physical and Chemical Properties

Physical State:	Liquid
Color:	Clear
Odor:	Slight petroleum odor
Flash Point:	> 350°F
Vapor Pressure (mmHg):	N/Av
Boiling Point:	N/A
Vapor Density (air = 1):	N/Av
Bulk Density (H_2O = 1):	7.1 lbs. /gal.
Freezing Point:	N/Av
Solubility in water (wt. %) weight):	Emulsifies
pH:	N/Av
Viscosity:	N/Av

Section 10: Stability and Reactivity

Stability/Instability:	Thermally stable at typical use temperatures and in closed containers.
Conditions to Avoid:	Avoid heat of open flame. Avoid high temperatures above 130°F (54.4°C). Avoid oxidizing agents.
Hazardous Polymerization:	Will not occur under normal conditions of storage and use.
Thermal Decomposition:	May release COx, smoke and irritating vapors when heated to decomposition.

Section 11: Toxicological Information

Ingestion

- Oral LD50, (rat): >2,000 mg/kg

Dermal

- Dermal LD50, (rabbit): >2,000 mg/kg

Inhalation

- Inhalation LC50,(rat): >3.02 mg/l
-

Eye Irritation (rabbit):

- Mildly irritating.

Skin Irritation (rabbit):

- Mildly irritating.

Sensitization Skin (guinea pig):

- Non-sensitizer.

Chronic Toxicity:

- No known significant effects.

Carcinogenicity

- Not likely to cause carcinogenicity in humans.

Teratogenicity, mutagenicity, and other reproductive effects: None known

Section 12: Ecological Information

ENVIRONMENTAL EFFECTS:

- No known significant effects or critical hazards.

Persistence and Degradability:

- N/Av

Aquatic Toxicity:

- N/Av

Bird Toxicity:

- N/Av

Section 13: Disposal Considerations

If wastes and/or containers cannot be disposed of according to the product label directions, disposal of this material must be in accordance with your local or area regulatory authorities. This information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. If the material as supplied becomes a waste, follow all applicable regional, national and local laws.

Section 14: Transport Information

DOT: Not Regulated
NAFTA: not regulated

IMDG: Consult appropriate IMDG regulations for shipment requirements in the Maritime shipping modes.

ICAO/IATA: Consult appropriate ICAO/IATA regulations for shipment requirements in the Air modes.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material

Section 15: Regulatory Information

OSHA Hazard Communication Standard:

- **This product is hazardous as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.**
- **EPA FIFRA INFORMATION**
  This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemical. The hazard information required on the pesticide label is listed out below. The pesticide label also includes other important information, including directions for use.
- **EPA/CERCLA Reportable Quantity**: None Known

SARA/TITLE III:

- **Sec 302: Extremely Hazardous Substance Notification**: This material is not known to contain any Extremely Hazardous Substances.
- **Sec. 311/312. Hazard Categories:** None
- **Section 313 Toxic Chemical(s):** This material is not known to contain any Toxic Chemical constituents.
- **RCA Waste Code: Not applicable**

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986):

- This product is not listed.

Toxic Substances Control Act (TSCA):

- All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30

Section 16: Other Information

Drexel Chemical Company recommends that each customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown below. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific SDSs, we are not and cannot be responsible for SDSs obtained from any source other than ourselves. If you have obtained an SDS from another source or if you are not sure that the SDS you have is current, please contact us for the most current version.

Date Issued: May 4, 2015

MATERIAL SAFETY DATA SHEET

Drexel Chemical Co.
1700 Channel Avenue
Memphis, TN 38113
(901) 774-4370

Emergency Telephone No.

1-800-424-9300 (ChemTrec)

SECTION I – GENERAL INFORMATION

TRADE NAME	**SUFFA 6**
CHEMICAL NAME	Elemental Sulfur
CHEMICAL FAMILY	Fungicide & Acaracide

SECTION II – EPA REG. NO.

EPA REG. NO.	19713-39

SECTION III – SIGNAL WORD

SIGNAL WORD	CAUTION

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

NAME	CAS NO.	% (by wt.)	TLV	CLASS
Elemental Sulfur	7704-34-9	52.00	N/A	NH
Inerts	N/A	48.00	N/A	NH

SECTION V – PHYSICAL DATA

Boiling Point	>212°F	Specific Gravity	1.40 grams/cc
Vapor Pressure	1mm Hg	% Volatiles	N/A
Vapor Density	N/A	Solubility in Water	Miscible
pH	Neutral	Appearance/Odor	Pale yellow liquid, mild odor

SECTION VI – FIRE & EXPLOSION DATA

Flash Point	>400°F (Non-Combustible)
Extinguishing Media	Water, fog, foam, carbon dioxide, sand or dirt as blanket, dry chemical

SECTION VII – FIRE FIGHTING PROCEDURES

Fire Fighting Procedures	Indoors, wear self-contained breathing apparatus. Avoid fumes. Fight fire from upwind.

SECTION VIII – REACTIVITY DATA

Stability	Stable
Conditions to Avoid	Extreme heat and sparks
Incompatibility	Alkali metal nitrides, ammonia
Hazardous Decomposition Products	Toxic oxides of sulfur
Hazardous Polymerization	Will not occur

SECTION IX – HEALTH HAZARD DATA

Carcinogenicity	N/A
Toxicity Data	Oral LD50 (Rat) = >5,000 mg/kg Dermal LD50 (Rat) = >2,000 mg/kg
TLV	N/A
N.F.P.A.	Health: 1, Fire: 1, Reactivity: 0
(Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)	
Effects of Overexposure	Possible skin or eye irritation. Nausea, vomiting, diarrhea

SECTION X – EMERGENCY PROCEDURES

If Swallowed: 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 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 eye.

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

If Inhaled: Remove victim to fresh air. Obtain medical attention.

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

SECTION XI- SPILL OR LEAK PROCEDURES

Steps to be taken in case of material leak or spill
Contain with absorbent material and put into container for proper disposal. Assure that protective clothing is worn.

SECTION XII- WASTE DISPOSAL METHOD

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

SECTION XIII – SPECIAL PROTECTION INFORMATION

Respiratory Protection	Not normally required
Ventilation	General recommended
Protective Gloves	Waterproof
Eye Protection	Chemgoggles
Other	Long-sleeved shirt and long pants, shoes plus socks

SECTION XIV – PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE

Precautions To Be Taken In Handling & Storage

KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.

Store in area away from extreme heat, sparks, or open flame.

SECTION XV – SPECIAL PRECAUTIONS

D.O.T. Description	Non-Regulated
Freight Description	Agricultural fungicide, Liquid, N.O.S.
Reportable Quantity	N/A
E.R.G.	133

SECTION XVI – OTHER INFORMATION

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: 10-13-06