

## MATERIAL SAFETY DATA SHEET

WINFIELD SOLUTIONS, LLC  
P.O. Box 64589 – St. Paul, MN 55164

**PRODUCT NAME(S)****DORMANT OIL 435**

For Medical Emergency Call: 877-424-7452 or  
For 24 Hour Emergency Response Information  
Call Chem Trec: 800-424-9300

Effective Date: 09/14/07

## I. IDENTIFICATION

CHEMICAL NAME OF PRIMARY COMPONENT(S): Paraffinic Hydrocarbon Oil

FORMULA: Not applicable MOLECULAR WEIGHT: Not applicable

SYNONYMS: Not applicable CAS # &amp; NAME: Not applicable

EPA Reg No. 9779-251

## II. INGREDIENTS/SUMMARY OF HAZARDS

(H)/INGREDIENT(S)	CAS NUMBER	OSHA HAZARD NON-HAZARD (NH)	PERCENT
Paraffinic Hydrocarbon Oil			98.8%
Formulation aids:			1.2%

	NFPA <sup>1/</sup>	HMIS <sup>2/</sup>
HEALTH	2	2
FIRE	0	0
REACTIVITY	0	0

1/ National Fire Protection Association Rating

2/ Hazardous Materials Identification System

(4 = Extreme/Severe 3 = High/Serious 2 = Moderate 1 = Slight 0 = Minimum)

**SARA TITLE III HAZARD CLASSIFICATION**

IMMEDIATE (ACUTE) HEALTH	Yes
DELAYED (CHRONIC) HEALTH	No
FIRE	No
SUDDEN RELEASE OF PRESSURE	No
REACTIVE	No

**III. PHYSICAL DATA**

**SPECIFIC GRAVITY:** 0.87  
**BOILING POINT:** 360 - 490°F at 10mm  
**FREEZING POINT:** Not determined  
**VAPOR PRESSURE:** 0.0001 mm Hg at 20° C  
**SOLUBILITY IN WATER:** Disperses  
**APPEARANCE:** Colorless liquid  
**ODOR:** Little odor

**IV. FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** 345°F  
**FLAMMABLE LIMITS IN AIR:** Not determined  
**AUTOIGNITION TEMPERATURE:** Not determined  
**EXTINGUISHING MEDIA:** Use carbon dioxide or dry chemical for small fires and water fog or foam (alcohol, polymer or ordinary) for large fires. Water stream may spread flames.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Fire fighters should use self contained breathing apparatus and full turnout gear. Prevent runoff of fire water. Avoid exposure to smoke.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** The usual hazards associated with burning oil.

**V. REACTIVITY DATA**

**STABILITY:** Stable under normal conditions.  
**CONDITIONS TO AVOID:** None known.  
**MATERIALS TO AVOID:** None known.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide.  
**HAZARDOUS POLYMERIZATION:** Will not occur.

**VI. HEALTH HAZARD DATA/FIRST AID PROCEDURES**

**TOXICOLOGY DATA:**  
**Acute Oral LD<sub>50</sub> (rat):** LD<sub>50</sub> >5050mg/kg  
**Acute Dermal LD<sub>50</sub> (rat):** LD<sub>50</sub> >5050mg/kg  
**Acute Inhalation:** LC<sub>50</sub> >2.53 mg/l  
**Eye Irritation (rabbit):** slightly irritating  
**Dermal Irritation (rabbit):** slightly irritating  
**Dermal Sensitization:** not a sensitizer

**EXPOSURE LIMITS:**

CHEMICAL NAME(S)	ACGIH (TLV)	OSHA (TWA)
Paraffinic Hydrocarbon Oil	Not established	Not established

**CARCINOGENICITY, TERATOGENICITY, MUTAGENICITY:** Not listed as a carcinogen by NRC, IARC or OSHA

**SIGNS OF POISONING:** Burning throat and stomach, vomiting, diarrhea.

**PRIMARY ROUTES OF ENTRY:** Ingestion, skin contact

**EFFECTS OF SINGLE OVEREXPOSURE:**

**Swallowing:** May be harmful if swallowed. Symptoms of overexposure include: burning throat and stomach, vomiting, diarrhea.

**Skin Absorption:** May cause skin irritation or allergic skin reaction in some individuals.

**Eyes:** WARNING: Causes eye irritation.

**Inhalation:** Harmful if inhaled, symptoms of overexposure include: headache, nausea, weakness, confusion.

**EFFECTS OF REPEATED OVEREXPOSURE:** Prolonged or repeated overexposure may cause headache, weakness, nausea, confusion, skin and/or eye irritation

**OTHER EFFECTS OF OVEREXPOSURE:** None known

**EXISTING MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE:** Skin contact may aggravate preexisting skin conditions. Inhalation of mists may aggravate preexisting respiratory conditions.

**EMERGENCY AND FIRST AID PROCEDURES:**

**Swallowing:** Do not induce vomiting. Call a physician or poison control center. PRECAUTION: To prevent the aspiration of swallowed product, lay patient on side with the head lower than the waist.

**Skin:** Wash affected area with plenty of soap and water. Remove contaminated clothing. Launder contaminated clothing separately.

**Eyes:** Hold eyelids open and flush with a steady stream of water for at least 15 minutes. GET MEDICAL ATTENTION.

**Inhalation:** Remove victim to fresh air. If not breathing, administer artificial respiration. GET MEDICAL ATTENTION.

**NOTE TO PHYSICIAN:** Treat symptomatically.

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**VII. PRECAUTIONS FOR SAFE HANDLING AND USE**


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**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED**

Dike the area using absorbent or materials such as sand or clay. Recover and contain as much product as possible using absorbent. Clean spill area using a solution of water and detergent. Collect and contain wash water and all contaminated absorbent for disposal. If spilled on the ground, the affected area should be excavated to a depth of 1 - 2 inches. Prevent the spilled product or washings from reaching public sewers or waterways. Wear appropriate protective equipment during the cleanup. Ensure that tools and equipment are adequately decontaminated.

**WASTE DISPOSAL METHOD:** Dispose of in accordance with federal, state and local regulations.

**CONTAINER DISPOSAL:** Dispose of in an approved facility according to federal, state and local regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Store in a cool, dry, secure area away from sources of heat or ignition.

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## VIII. SPECIAL PROTECTION INFORMATION

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### PROTECTIVE EQUIPMENT SHOULD BE USED DURING THE FOLLOWING PROCEDURES:

- Manufacture or formulation of this product.
- Repair and maintenance of contaminated equipment.
- Clean up of leaks and spills.
- Any other activity that may result in hazardous exposures.
- Refer to product label for PPE required for labeled use.

**RESPIRATORY PROTECTION:** If misting conditions exist, use NIOSH/MSHA approved respirator for organic vapors.

**VENTILATION:** Local exhaust

**PROTECTIVE CLOTHING:** Chemical resistant gloves, coveralls, apron and foot coverings.

**EYE PROTECTION:** Safety goggles, face shield where splash hazard exists.

**USER SAFETY RECOMMENDATIONS:** Safety showers and eye wash should be easily accessible.

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## IX. REGULATORY STATUS

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**TSCA INVENTORY STATUS:**

**TRANSPORTATION STATUS:**

**DOT INFORMATION:** Not regulated

Container Capacity	Proper Shipping Name	Hazard Class	Label	Packing Group

### SARA TITLE III

**Section 302-304 (40 CFR 350):** Not listed

**Extremely Hazardous Substance (EHS):** Not applicable

**Section 312, Reporting (40 CFR 370):**

**SARA/OSHA Hazardous Chemical Reporting Quantity:** 10,000 pounds

**Section 313, Toxic Chemicals:** Not applicable

**Reportable Quantity (RQ):** Not listed

**RCRA HAZARDOUS WASTE:** Not listed

**International Right-To-Know Regulations:**

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## X. REFERENCES

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- 1) Supplier sponsored studies.

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