

MATERIAL SAFETY DATA SHEET

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Emergency Telephone No.

1-800-424-9300 (ChemTrec)

SECTION I – GENERAL INFORMATION

TRADE NAME: **435 OIL 98.8**
CHEMICAL NAME: Horticulture Spray Oil
CHEMICAL FAMILY: Oil/Emulsifier Blend
EPA REG. NO.: 19713-394
SIGNAL WORD: CAUTION

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

NAME	CAS NO.	% (by wt.)	TLV	CLASS
Refined Petroleum Distillate	64742-55-8	98.8	5mg/m ³	NH
Inert	N/A	1.2	N/A	NH

SECTION III – PHYSICAL DATA

<u>Boiling Point:</u>	315-485°C	<u>Specific Gravity:</u>	0.86 gms/cc
<u>Vapor Pressure:</u>	<0.1 mm hg	<u>% Volatiles:</u>	Negligible
<u>Vapor Density:</u>	10	<u>Solubility in Water:</u>	Emulsifies
<u>pH:</u>	N/A	<u>Appearance/Odor:</u>	Light, yellow clear liquid, hydrocarbon oil odor

SECTION IV – FIRE & EXPLOSION DATA

Flash Point: >350°F
Extinguishing Media: Dry chemical, CO₂, foam or inter gas (halon or nitrogen). Do not spray oil fires with water.
Fire Fighting Procedures: Assure self-contained breathing apparatus is worn. Fight fire from upwind, preventing runoff if possible

SECTION V – REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Extreme heat and open flame
Incompatibility: Strong acids, alkalis or oxidizers
Hazardous Decomposition Products: CO, CO₂
Hazardous Polymerization: Will not occur

SECTION VI – HEALTH HAZARD DATA

Carcinogenicity: N/A
Toxicity Data: Oral LD50 (Rat) = >5,000 mg/kg
Dermal LD50 = 2,000 mg/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: May produce mild skin irritation upon repeated exposure. Ingestion may cause diarrhea.

SECTION VII – EMERGENCY PROCEDURES

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

If swallowed: Call a poison control center or doctor immediately for treatment advice. Do not give any liquid to the person. 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. Call a poison control center or doctor for treatment advice.

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. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

Note to Physician: Contains petroleum distillate. Petroleum distillate may pose an aspiration pneumonia hazard.

SECTION VIII- SPILL OR LEAK PROCEDURES

Steps to be taken in case of material leak or spill
Contain spills and prevent runoff or entering of waterways. Assure protective equipment is worn. Pick up spills with absorbent material and place in suitable containers.

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 ventilation
Protective Gloves: Rubber impervious
Eye Protection: Safety glasses or goggles
Other: Long-sleeve shirt and pants, rubber boots with socks

SECTION X – SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling & Storage
KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.
Avoid contact with skin and eyes. Store away from extreme heat and open flames.
D.O.T. Description: Non-Regulated
Freight Description: Agricultural Spray Oil, Liquid, N.O.S.
Reportable Quantity: N/A
E.R.G. Guide Sheet: 171

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