

MATERIAL SAFETY DATA SHEET



For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident, Call CHEMTREC Day or Night: 1-800-424-9300
For Medical Emergencies Only, Call: 1-877-325-1840

Voluntary Purchasing Groups, Inc.
230 FM 87
Bonham, Texas 75418

Effective Date: July 8, 2008

Ferti-lome® Horticultural Oil Spray RTS

1. PRODUCT AND COMPANY IDENTIFICATION:

PRODUCT: Ferti-lome® Horticultural Oil Spray RTS
EPA No.: 48813-1-7401

COMPANY IDENTIFICATION:

Voluntary Purchasing Groups, Inc.
230 FM 87
Bonham, TX. 75418

2. HAZARDOUS IDENTIFICATIONS:

CHEMICAL	CAS NO.	%	TLV OR PEL	RQ(lbs)
Refined paraffinic distillate	64741-88-4	80.0	Not Listed	*N.P.

*N.P. – Not Pertinent

3. EMERGENCY/HAZARDS OVERVIEW:

White liquid with ammonia odor. Harmful if swallowed. Avoid contact with strong oxidizers. May generate carbon monoxide if burned. Product is toxic to fish. Not D.O.T. Regulated.

HEALTH: 2 REACTIVITY: 0 FLAMMABILITY: 1 ENVIRONMENT: 0
(0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme)

4. FIRST AID MEASURES:

Eyes: Flush eyes with plenty of running water. Get medical attention if irritation persists.

Skin: Wash with plenty of soap and water. Remove contaminated clothing and shoes. Get medical attention if irritation persists.

Ingestion: Call Poison Control Center or doctor and get medical attention. DO not induce vomiting unless so directed by medical personnel. Do not give anything by mouth to an unconscious person.

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth and get medical attention.

Note to Physician: No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

5. FIRE AND EXPLOSION HAZARDS:

Flash Point:	>200°F
Test Method:	Not Available
LEL Flammable Limits:	Not Available
UEL Flammable Limits:	Not Available
Autoignition Temperature:	Estimated 650°F
Flammability Classification:	Combustible
Known Hazardous Products of Combustion:	Not Known
Properties that Initiate/Contribute to Intensity of Fire:	Not Known
Potential For Dust Explosion:	None
Reactions that Release Flammable Gases or Vapors:	Not Known
Potential For Release of Flammable Vapors:	Not Known
Unusual Fire & Explosion Hazards:	The oil in this product is a Class III B combustible liquid with a flash point of 340°F.
Extinguishing Media:	Foam, carbon dioxide, dry-chemical, or water fog.

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Special Firefighting Procedures:

Wear positive pressure, self-contained breathing apparatus and full protective clothing. Avoid smoke inhalation. Contain any liquid runoff.

6. SPILLS AND LEAKS:

Containment: Prevent product spillage from entering drinking water supplies or streams.
Clean Up: Collect liquid or absorb onto absorbent material and package for disposal.
Evacuation: Not necessary.

7. STORAGE AND HANDLING:

Storage: Store in original container only in a cool, well ventilated, dry place at temperatures above 40°F. Do not store near food or feeds. Do not stack pallets more than two (2) high.
Transfer Equipment: Transfer product using chemical-resistant plastic or stainless steel tanks, pumps, valves, etc.
Work/Hygienic Practices: Keep out of reach of children. Harmful if swallowed. Avoid breathing spray mists or vapors. Avoid contamination of feed or food stuffs. Wear long-sleeved shirt and long pants, shoes plus socks and chemical resistant gloves. After using this product remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water.

8. PERSONAL PROTECTIVE EQUIPMENT:

Eyes: Chemical dust/splash goggles or full-face shield to prevent eye contact. As a general rule, do not wear contact lenses when handling.
Skin: Long-sleeved shirt and long pants, shoes plus socks and chemical resistant gloves (such as barrier laminate, nitrile rubber, neoprene rubber or viton).
Respiratory: Not normally needed. If use generates an aerosol mist or respiratory irritation, use NIOSH-approved dust/mist respiratory (such as 3M # 8710).
Ventilation: Recommended but no TLV established.

9. PHYSICAL AND CHEMICAL DATA:

Appearance:	White liquid
Odor:	Ammonia odor
pH:	7.1
Vapor Pressure:	Not available
Vapor Density:	Not available
Boiling Point:	Not available
Freezing Point:	Not available
Water Solubility:	Not available
Density:	7.16 lbs./gal
Evaporation Rate:	Not determined
Viscosity:	Not available
% Volatile:	Not available
Octanol/Water Partition Coefficient:	Not available
Saturated Vapor Concentration:	Not available

10. STABILITY & REACTIVITY DATA:

STABILITY: Stable
CONDITIONS TO AVOID: Not available
INCOMPATIBILITY: Avoid strong oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS: Burning may result in formation of carbon monoxide
HAZARDOUS POLYMERIZATION: Will not occur

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11. POTENTIAL HEALTH EFFECTS:

Acute Effects:

Eyes: May cause temporary eye irritation. No permanent damage expected.
Skin: May cause slight irritation.
Ingestion: Harmful or fatal if swallowed. Pulmonary aspiration hazard if swallowed and vomiting occurs.
LD₅₀ (Rat): >30g/kg
Inhalation: Excessive exposure may cause temporary irritation to nose, throat and eyes. No acute effects expected as twice the exposure limit. (8-hour time weighted permissible exposure 5 mg/m³ government regulation.)

Subchronic Effects: None known.

Chronic Effects: None known.

12. ECOLOGICAL INFORMATION:

Algal/Lemna Growth Inhibition: Not known.
Toxicity to Fish and Invertebrates: Toxic to Fish.
Toxicity to Plants: Not known.
Toxicity in Birds: Not known.

13. DISPOSAL:

Do not contaminate lakes, streams, ponds, estuaries, oceans or other waters by discharge of waste effluents or equipment washwaters. Dispose of waste effluents in accordance with state and local waste disposal regulations. Also, chemical additions or other alterations of this product may invalidate any disposal information in this MSDS. Therefore, consult local waste regulators for proper disposal.

14. TRANSPORTATION:

D.O.T.: Not D.O.T. Regulated
Other Shipping Description: Insecticides or Fungicides, Liquid.
NMFC Item 102120, LTL Class 60

15. REGULATORY INFORMATION:

CERCLA: None
SARA TITLE III Section 313 Toxic Chemicals: None
PROPOSITION 65 (CA): None

16. OTHER:

All information appearing in this document was based on data provided by third party sources and was compiled to comply with the Federal Hazard Communication Standard and the California Hazardous Substances Information and Training Act. The information is believed to be accurate as of the preparation date, but is not warranted as being the final authority in the use of this product. This information does not purport to be legal or medical advice.