

# SAFETY DATA SHEET

In the event of a medical or chemical emergency contact  
ChemTel, Inc. North American 1-800-255-3924 or worldwide  
Intl. + 01-813-248-0585

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

Effective Date: Mar-2012



## Hi-Yield® Horticultural Oil Spray

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Horticultural Oil Spray  
**EPA Reg. No.:** 48813-1-7401

**COMPANY IDENTIFICATION:**

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

### 2. HAZARDS IDENTIFICATION

CHEMICAL	CAS NO.	%	TLV OR PEL	RQ (lbs) Light
Paraffinic Distillate	64742-55-8	80.0%	*N.A.	*N.P. Inert
Ingredients – Proprietary.				

\*N.A. – Not Available.

\*N.P. – Not Pertinent.

### 3. COMPOSITION, INFORMATION OF INGREDIENTS

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

### 4. FIRST AID MEASURES

- Eyes:** Hold eye 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 eye. 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:** Immediately call a poison control center or doctor for treatment advice. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give ANY liquid to the person. Do not give anything by mouth to an unconscious person.
- Inhalation:** 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.

**NOTE TO PHYSICIAN:** No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

# SAFETY DATA SHEET

In the event of a medical or chemical emergency contact  
ChemTel, Inc. North American 1-800-255-3924 or worldwide  
Intl. + 01-813-248-0585

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

Effective Date: Mar-2012



## Hi-Yield® Horticultural Oil Spray

### 5. FIRE FIGHTING MEASURES

Flash Point:	> 360°F.
Test Method:	Not available. LEL
Flammable Limits:	Not available. UEL
Flammable Limits:	Not available.
Autoignition Temperature:	Not available.
Flammability Classification:	Noncombustible.
Known Hazardous Products of Combustion: that Initiate/Contribute to Intensity of Fire:	Not known. Properties 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 360°F.
Extinguishing Media:	Foam, carbon dioxide, dry chemical, or water fog.
Special Firefighting Procedures:	Wear positive pressure, self-contained breathing apparatus and full protective clothing. Avoid smoke inhalation. Contain any liquid runoff.

### 6. ACCIDENTAL RELEASE MEASURES

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. HANDLING AND STORAGE

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 foodstuffs. 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. EXPOSURE CONTROLS/PERSONAL PROTECTION

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 respirator (such as 3M #8710).
Ventilation:	Recommended but no TLV established.

# SAFETY DATA SHEET

In the event of a medical or chemical emergency contact  
ChemTel, Inc. North American 1-800-255-3924 or worldwide  
Intl. + 01-813-248-0585

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

Effective Date: Mar-2012



the ferti-lome people

## Hi-Yield® Horticultural Oil Spray

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White emulsion. Odor:
	Ammonia odor.
pH:	7.1 – 9.8. Typical average around 8.0. Vapor
Pressure:	Not available.
Vapor Density (Air=1):	Not available. Boiling
Point:	Not available.
Freezing Point:	Not available. Water
Solubility:	Dispersible. 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.

### 11. TOXICOLOGICAL INFORMATION

#### Acute Effects:

Eyes:	May cause temporary eye irritation.
Skin:	May cause slight irritation. Not a contact sensitizer. LC <sub>50</sub> (Rabbit): >2,000 mg/kg.
Ingestion:	May be harmful if swallowed. Aspiration hazard if swallowed and vomiting occurs. LD <sub>50</sub> (Rat): >5,000 mg/kg.
Inhalation:	Excessive exposure may cause temporary irritation to nose, throat and eyes. LC50 (Rats) > 2.06 mg/L.

Subchronic Effects: None known.

Chronic Effects: None known.

### 12. ECOLOGICAL INFORMATION

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

# SAFETY DATA SHEET

In the event of a medical or chemical emergency contact  
ChemTel, Inc. North American 1-800-255-3924 or worldwide  
Intl. + 01-813-248-0585

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

Effective Date: Mar-2012



the ferti-lome people

## Hi-Yield® Horticultural Oil Spray

### 13. DISPOSAL CONSIDERATIONS

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 INFORMATION

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 INFORMATION

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.