



Safety Data Sheet

Report Date 24-Sep-15

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1. Identification

Product Name : OMNI OIL 6E
Synonyms : None
Product Use : Insecticide-Miticide Liquid Spray Oil
Manufacturer/Supplier : Helena Chemical Company
Address : 225 Schilling Blvd. Collierville, TN 38017
General Information : 901-761-0050
Transportation Emergency Number : CHEMTREC:800-424-9300

2. Hazard Identification



Signal Word : Danger
Skin Irritation : Causes mild skin irritation
Eye Irritation : Causes eye irritation
Acute Toxicity Oral : LD50 >5,000 mg/kg
Acute Toxicity Dermal : LD50 >2,000 mg/kg

Hazard Categories : Oral/Dermal/Inhalation Toxicity-5/5/5; Eye/Skin Irritation-2B/3; Aspiration Hazard-1

Hazard Statement : May be harmful if swallowed
May be harmful in contact with skin
Causes eye irritation
Causes mild skin irritation
May be harmful if inhaled
May be fatal if swallowed and enters airways

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Distillates (Petroleum) Hydrotreated Light Paraffinic Oil	64742-55-8	98.00
Inert ingredients	Nonhazardous	2.00

4. First Aid Measures

Eye : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

Skin : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Inhalation : Remove victim to fresh air. If not breathing, or if irregular breathing or respiratory arrest occurs, provide artificial respiration or oxygen. Get medical attention if adverse health effects persist or are severe.

Ingestion : Do not induce vomiting. Get immediate medical attention. Call a poison center or physician. Wash out mouth with water. Give small quantities of water to drink. Stop if exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed.

Indication of Immediate Medical Attention and Special Treatment Needed : Aspiration hazard if swallowed. Can enter lungs and cause damage. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.



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5. Fire Fighting Measures

- Extinguishing Media** : Do not use water jet. Use extinguishing agent suitable for the surrounding fire.
- Specific Hazards Arising from the Chemical** : In a fire or if heated, a pressure increase will occur and the storage container may burst.
- Special Fire Fight Proc** : Wear self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measures

- Personal Precautions** : Keep unprotected and unnecessary personnel out of spill area.
- Protective Equipment** : Splashproof goggles or face shield, impervious gloves, impervious apron and footwear. Respiratory protection not normally needed. Eyewash and emergency shower should be available in work area.
- Emergency Procedures** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution to sewers, waterways, soil or air.
- Methods and Materials for Containment and Cleanup** : Absorb spilled material with an inert dry material such as sand, earth, vermiculite or diatomaceous earth. Scoop or shovel up and place in appropriate waste disposal container.

7. Handling and Storage

- Precautions for Safe Handling** : Do not contaminate water, food or feed by storage, handling or disposal.
- Conditions for Safe Storage** : Store in original container only. Keep container well sealed. Do not contaminate water or other solutions to avoid loss of emulsification and phytotoxicity. Protect from excessive heat.

8. Exposure Controls / Personal Protection

- TLV/PEL** : Distillates (petroleum), hydrotreated light paraffinic: TLV=5 mg/m³/8 hours (inhalable fraction); PEL=5 mg/m³/8 hours
- Appropriate Engineering Controls** : Local exhaust should be sufficient.
- Personal Protective Equipment** : Splashproof goggles or face shield, impervious gloves, impervious apron and footwear. Respiratory protection not normally needed. Eyewash and emergency shower should be available in work area.

9. Physical and Chemical Properties

- Odor/Appearance** : Clear, colorless liquid with slight odor.
- Flash Point, °F** : >300 Degrees F.
- Boiling Point, °F** : >500 Degrees F.
- Melting Point(Freezing point), °C** : <0 Degrees C.
- Vapor Pressure, mm Hg @ 20 °C** : 0.001 mm Hg
- Vapor Density** : Not available
- Solubility in Water** : Dispersible
- Molecular Formula** : Not applicable, formulated mixture.
- Density, g/mL @ 25 °C** : 0.845-0.865
- Evaporation Rate(Butyl Acetate = 1)** : <0.01
- Octanol/Water Partition Coefficient** : No information found
- pH** : 5.0-7.0 (2%)



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Flammable Limits (approximate volume % in air) : Not available
Auto-ignition Temperature : Not available
Decomposition temperature : No information found

10. Stability and Reactivity

Reactivity : No information found
Chemical Stability : Stable
Hazardous Decomposition Products : May produce carbon monoxide and carbon dioxide under fire conditions.
Hazardous Polymerization : Will not occur
Conditions to Avoid : None currently known
Incompatible Materials : Do not allow contact with oxidizing materials.

11. Toxicological Information

Acute Toxicity (Oral LD50) : >5,000 mg/kg. May be harmful if swallowed.
Acute Toxicity (Dermal LD50) : >2,000 mg/kg. May be harmful in contact with skin.
Acute Toxicity Inhalation LC50 : >5.53 mg/L/4 hour (exposure to dusts and mists). May be harmful if inhaled.
Likely Routes of Exposure : Oral, Dermal, Inhalation
Skin Irritation : Causes mild skin irritation.
Eye Irritation : Causes eye irritation.
Skin Sensitization : Not listed as a skin sensitizer.
Carcinogenic : Not listed
Chronic Effects : No information found
Other Hazards : Aspiration Hazard: May be fatal if swallowed and enters airways.

12. Ecological Information

Ecotoxicity : No information found
Persistence and Degradability : No information found
Bioaccumulative Potential : No information found
Mobility in Soil : No information found
Other Adverse Effects : No information found

13. Disposal Considerations

Waste Disposal Method : This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

14. Transport Information

UN Proper Shipping Name : Not regulated by DOT, IATA or IMDG.
Transport Hazard Class : None
UN Identification Number : None
Packaging Group : None
Environmental Hazards : No information found
Transport in Bulk : No information found
Special Precautions for Transportation : No information found



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Freight Classification : Pesticides, NOI, Insecticides, Other than Poison (NMFC Item 155050, Sub 11, Class 70)

15. Regulatory Information

National Fire Protection Association Rating :

Health: 1 Fire: 1 Reactivity: 0
Rating Level: (4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

S.A.R.A Title III Hazard Classification (Yes/No) :

Immediate(Acute) Health: Y
Delayed (Chronic) Health: N
Sudden Release of Pressure: N
Fire: N
Reactive: N

FIFRA Information : This Chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labelling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

EPA Registration Number : 5905-368

FIFRA Signal Word : Caution

FIFRA Label Statement : Keep out of reach of children.

FIFRA Label Statement : Harmful if absorbed through skin.

FIFRA Label Statement : Avoid contact with eyes, skin or clothing.

FIFRA Label Statement : Prolonged and frequently repeated skin contact may cause allergic reactions in some individuals.

FIFRA Label Statement : No additional label statements.

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16. Other Information

Data of Preparation/Revision : 24-September-2015