



# Safety Data Sheet

Report Date 12-Sep-17

Page 1 of 4

## 1. Identification

**Product Name** : OMNI OIL 6 (EPA REG NO 5905-598)  
**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 (rat)  
**Acute Toxicity Dermal** : LD50 >5,000 mg/kg (rabbit)

**Hazard Categories** : Oral/Dermal/Inhalation Toxicity-5/5/4; 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  
Harmful if inhaled  
May be fatal if swallowed and enters airways

## 3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Mineral Oil*	64742-55-8	98.00
Other ingredients	Proprietary	2.00

\*contains petroleum distillates

## 4. First Aid Measures

**Eye** : 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.

**Skin** : 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.

**Inhalation** : Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**Ingestion** : Call a poison control center or doctor immediately 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 if unconscious or convulsing.

**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.



## Safety Data Sheet

Report Date 12-Sep-17

Page 2 of 4

### 5. Fire Fighting Measures

- Extinguishing Media** : Use water fog, foam, dry chemical or carbon dioxide extinguishing agents. Do not use straight streams of water.
- Specific Hazards Arising from the Chemical** : May emit smoke, fumes, carbon monoxide and aldehydes under fire conditions.
- Special Fire Fight Proc** : Wear self-contained breathing apparatus and full protective clothing.

### 6. Accidental Release Measures

- Personal Precautions** : Remove sources of ignition. 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** : Do not allow spills to enter drains or watercourses.
- Methods and Materials for Containment and Cleanup** : Stop leak if you can do so without risk. Recover by pumping or with suitable absorbent. If spilled to water, confine the spill immediately with booms. Remove from the surface of water by skimming or with suitable absorbents.

### 7. Handling and Storage

- Precautions for Safe Handling** : Prevent small spills and leakage to avoid creating a slip hazard.
- Conditions for Safe Storage** : Store in original container only. Keep container well sealed.

### 8. Exposure Controls / Personal Protection

- TLV/PEL** : When mists/aerosols can occur: Distillates (petroleum), hydrotreated light paraffinic: TLV=5 mg/m<sup>3</sup>; PEL=5 mg/m<sup>3</sup>.
- 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 liquid with characteristic odor.
- Flash Point, °F** : >320 Degrees F.
- Boiling Point, °F** : >200 Degrees C.
- Melting Point(Freezing point), °C** : No information found
- Vapor Pressure, mm Hg @ 20 °C** : <0.013 kPa @ 20 Deg. C.
- Vapor Density** : Not applicable
- Solubility in Water** : Insoluble
- Molecular Formula** : Not applicable, formulated mixture.
- Density, g/mL @ 25 °C** : 0.845-0.865
- Evaporation Rate(Butyl Acetate = 1)** : Not determined
- Octanol/Water Partition Coefficient** : Not determined
- pH** : 5.0 to 7.0 (1%)
- Flammable Limits (approximate volume % in air)** : No information found



## Safety Data Sheet

Report Date 12-Sep-17

Page 3 of 4

**Auto-ignition Temperature** : No information found  
**Decomposition temperature** : No information found

### 10. Stability and Reactivity

**Reactivity** : No information found  
**Chemical Stability** : Stable  
**Hazardous Decomposition** : Material does not decompose at ambient temperatures.  
**Products**  
**Hazardous Polymerization** : Will not occur  
**Conditions to Avoid** : Excessive heat, high energy sources of ignition.  
**Incompatible Materials** : Strong oxidizers.

### 11. Toxicological Information

**Acute Toxicity (Oral LD50)** : >5,000 mg/kg (rat). May be harmful if swallowed.  
**Acute Toxicity (Dermal LD50)** : >5,000 mg/kg (rabbit). May be harmful in contact with skin.  
**Acute Toxicity Inhalation LC50** : >5.0 mg/L/4 hour (exposure to mists). Harmful if inhaled. Aspiration hazard.  
**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** : No component present at levels >0.1% identified as carcinogen by ACGIH, IARC, NTP or OSHA.  
**Chronic Effects** : None currently known.  
**Other Hazards** : Aspiration Hazard: May be fatal if swallowed and enters airways.

### 12. Ecological Information

**Ecotoxicity** : Not expected to be harmful to aquatic organisms.  
**Persistence and Degradability** : Expected to be inherently biodegradable.  
**Bioaccumulative Potential** : Has the potential to bioaccumulate, however, metabolism or physical properties may reduce bioconcentration or limit bioavailability.  
**Mobility in Soil** : Low solubility and floats and is expected to migrate from water to land. Expected to partition to sediment and wastewater solids.  
**Other Adverse Effects** : Care should be taken to minimize release of this product into the environment.

### 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



# Safety Data Sheet

Report Date 12-Sep-17

Page 4 of 4

**Special Precautions for Transportation** : No information found  
**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** : 5905-598

**FIFRA Signal Word** : Caution

**FIFRA Label Statement** : Keep out of reach of children.

**FIFRA Label Statement** : Avoid contact with skin or clothing.

**FIFRA Label Statement** : Wash thoroughly with soap and water after handling and before eating,

**FIFRA Label Statement** : drinking, chewing gum, using tobacco, or using the toilet.

**FIFRA Label Statement** : Wear long-sleeved shirt and long pants, socks, shoes, and chemical-resistant gloves.

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

**FIFRA Label Statement** : No additional label statements.

## 16. Other Information

**Data of Preparation/Revision** : 12-September-2017