

# MATERIAL SAFETY DATA SHEET

CEDARCIDE INDUSTRIES, INC.  
P.O. BOX 549  
SPRING, TEXAS 77386  
281-367-5075

DATE: 12-8-2006  
EMERGENCY TELEPHONE  
NUMBER: 800-842-1464

## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

CedarCide Industries, Inc.  
2123 Old Ox Road  
Spring, Texas 77386

24 Hour Emergency Telephone: (800) 842-1464  
Product Disposal Information: (989) 496-6315  
CHEMTREC: (800) 424-9300

### **BEST YET INSECT CONTROL SOLUTION**

Generic Description: Silicone and Cedar Oil  
Physical Form: Liquid  
Color: Colorless  
Odor: Odorless

**NFPA Profile: Health 1 Flammability 2 Instability / Reactivity 0**

Note: NFPA = National Fire Protection Association

## 2. OSHA HAZARDOUS COMPONENTS

<u>CAS Number</u>	<u>Wt %</u>	<u>Component Name</u>
68990-83-0	10.0 - 20.0	Cedar Oil
141-62-8	30.0 - 60.0	Decamethyltetrasiloxane
107-51-7	30.0 - 60.0	Octamethyltrisiloxane
141-63-9	15.0 - 40.0	Dodecamethylpentasiloxane

The Above components are hazardous as defined in 29 CFR 1910.1200.

## 3. EFFECTS OF OVEREXPOSURE

### Acute Effects

Eye: Direct contact may cause temporary redness and discomfort.  
Skin: No significant irritation expected from a single short-term exposure.  
Inhalation: Vapor overexposure may cause drowsiness.  
Oral: Swallowing large amounts may cause drowsiness.

### Prolonged / Repeated Exposure Effects

Skin: Repeated or prolonged contact may cause defatting and drying of skin which may result in skin irritation and dermatitis.  
Inhalation: No known applicable information.  
Oral: Repeated ingestion or swallowing large amounts may injure internally.

Prolonged / Repeated Exposure Effects

No known applicable information.

Medical Conditions Aggravated by exposure

No known applicable information.

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and / or expert review of the product. Please refer to Section 11 for the detailed toxicology information.

**4. FIRST AID MEASURES**

Eye:	Immediately flush with water.
Inhalation:	Remove to fresh air. Get medical attention if ill effects persist.
Oral:	Get medical attention.
Comments:	Treat according to person's condition and specifics of exposure.

**5. FIRE FIGHTING MEASURES**

Flash Point:	118.4°F / 48°C (Pensky-Martens Closed Cup)
Autoignition Temperature:	Not determined.
Flammability Limits in Air:	Not determined.
Extinguishing Media:	On large fires use medium expansion (<30:1) AFFF alcohol compatible foam or water spray. On small fires use medium expansion (<30:1) AFFF alcohol compatible foam, CO2 or water spray. Water can be used to cool fire exposed containers.
Fire Fighting Measures:	Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
Unusual Fire Hazards:	Vapors are heavier than air and may travel to a source of ignition and flash back. Static electricity will accumulate and may ignite vapors. Prevent a possible fire hazard by bonding and grounding or inert gas purge. Fire burns more vigorously than would be expected.

Hazardous Decomposition Products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.

## 6. ACCIDENTAL RELEASE MEASURES

Containment / Clean up: Remove possible ignition sources. Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations described in Sections 5 and 8. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

**Note: See Section 8 for Personal Protective Equipment for Spills. Call Dow Corning Corporation (989) 496-5900, if additional information is required. Refer to Dow Corning 2-1184 fluid.**

## 7. HANDLING AND STORAGE

Use adequate ventilation. Avoid breathing vapor. Keep container closed. Do not take internally. Avoid eye contact.

Static electricity will accumulate and may ignite vapors. Prevent a possible fire hazard by bonding and grounding or inert gas purge. Keep container closed and away from heat, sparks and flame.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Component Exposure Limits

<u>CAS Number</u>	<u>Component Name</u>	<u>Exposure Limits</u>
141-62-8	Decamethyltetrasiloxane	Dow Corning guide: TWA 200 ppm.
107-51-7	Octamethyltrisiloxane	Dow Corning guide: TWA 200 ppm.

### Engineering Controls

Local Ventilation: Recommended.  
General Ventilation: Recommended.

### Personal Protective Equipment for Routine Handling

Eyes: Use proper protection - safety glasses as a minimum.

Skin: Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.

Suitable Gloves: Silver Shield(R). 4H(R).

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Liquid
Color:	Colorless
Odor:	Odorless
Specific Gravity @ 25° C:	0.85
Viscosity:	1.6 cSt
Freezing /Melting Point:	Not Determined.
Boiling Point:	190°C
Vapor Pressure @ 25° C:	Not Determined.
Vapor Density:	Not Determined.
Solubility in Water:	Not Determined.
pH:	Not Determined.
Volatile Content:	Not Determined.

Note: The above information is not intended for use in preparing product specifications. Contact Dow Corning before writing specifications.

## 10. STABILITY AND REACTIVITY

Chemical Stability:	Stable.
Hazardous Polymerization:	Hazardous polymerization will not occur.
Conditions to Avoid:	None.
Materials to Avoid:	Oxidizing material can cause a reaction.

## 11. TOXICOLOGICAL INFORMATION

### Special Hazard Information on Components

No known applicable information.

## 12. ECOLOGICAL INFORMATION

### Environmental Fate and Distribution

Complete information is not yet available.

### Environmental Effects

Complete information is not yet available.

### Fate and Effects in Waste Water Treatment Plants

Complete information is not yet available.

#### Ecotoxicity Classification Criteria

Hazard Parameters(LC50 or EC50)	High	Medium	Low
Acute Aquatic Toxicity (mg/L)	<=1	>1 and <=100	>100
Acute Terrestrial Toxicity	<=100	>100 and <=200	>2000

This table is adapted from "Environmental Toxicology and Risk Assessment", ASTM STP 1179, p.34, 1993

This table can be used to classify the ecotoxicity of this product when ecotoxicity data is listed above. Please read the other information presented in the section concerning the overall ecological safety of this material.

### 13. DISPOSAL CONSIDERATIONS

#### RCRA Hazard Class (40 CFR 261)

When a decision is made to discard this material, as received, is it classified as a hazardous waste? Yes.

Characteristic Waste:

Ignitable: D001

State or local laws may impose additional regulatory requirements regarding disposal.

Call Dow Corning Corporate Environmental Management, (989) 496-6315, if additional information is required.  
Refer to product Number **2-1184**

### 14. TRANSPORT INFORMATION

#### EPASARA Title III Chemical Listings:

##### Section 302 Extremely Hazardous Substances:

None.

##### Section 304 CERCLA Hazardous Substances:

None.

##### Section 312 Hazard Class:

Acute: Yes  
Chronic: No  
Fire: Yes  
Pressure: No  
Reactive: No

##### Section 313 Toxic Chemicals:

None present or none present in regulated quantities.

#### Supplemental State Compliance Information

##### California

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

None Known.

##### Massachusetts

No ingredient regulated by MA Right-To-Know Law present.

##### New Jersey

<u>CAS Number</u>	<u>Wt %</u>	<u>Component Name</u>
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107-51-7	30.0 - 60.0	Octamethyltrisiloxane
141-63-9	15.0 - 40.0	Dodecamethylpentasiloxane
63148-62-9	15.0 - 40.0	Polydimethylsiloxane

**DOT Road Shipment Information (49 CFR 172.101)**

Proper Shipping Name: COMBUSTIBLE LIQUID, N.O.S.  
Hazard Technical Name: POLYSILOXANE  
Hazard Class: COMBUSTIBLE LIQUID  
UN/NA Number: NA1993  
Packing Group: III  
Remarks: Above applies only to containers over 119 gallons or 450 liters.

**Ocean Shipment (IMDG)**

Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.  
Hazard Technical Name: POLYSILOXANE  
Hazard Class: 3  
UN Number: 1993  
Packing Group: III  
Hazard Label(s): FLAMMABLE LIQUID  
Marine Pollutant: Not Applicable

**Air Shipment (IATA)**

Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.  
Hazard Technical Name: POLYSILOXANE  
Hazard Class: 3  
UN Number: 1993  
Packing Group: III  
Hazard Label(s): FLAMMABLE LIQUID

Call Dow Corning Transportation, (989) 496-8577, if additional information is required. Refer to 2-1184 Fluid.

**15. REGULATORY INFORMATION**

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200

TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

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## 16. OTHER INFORMATION

Prepared by: CedarCide Industries, Inc.

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

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