



MATERIAL SAFETY DATA SHEET

OMITE® 6E

Version: 1.3
Date of Issue: 07/24/2007
Date printed: 07/24/2007

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : OMITE® 6E EPA Reg. No.: 400-89

Chemical name: Propargite

Use of substance/preparation: Miticide

Supplier: Chemtura Corporation
199 Benson Road
Middlebury, CT 06749 USA

Emergency telephone number: CHEMTREC (24 hours) 800-424-9300, 703-527-3887
Chemtura Corporation Emergency Response (24 hours) 800-292-5898

Environmental, Health and Safety Department: 866-430-2775

Prepared by Product Safety Department Date of Issue: 07/24/2007
(US) +1 866-430-2775
(EU) +44 (0) 1753.603.000
Email: MSDSRequest@chemtura.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER!

TOXIC BY INHALATION.
MODERATELY TOXIC BY SWALLOWING.
MAY CAUSE MODERATE IRRITATION TO EYES.
MAY CAUSE SKIN IRRITATION.
MAY BE IRRITATING TO RESPIRATORY SYSTEM.
MAY CAUSE ALLERGIC SKIN REACTION.
LIMITED EVIDENCE OF A CARCINOGENIC EFFECT.

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	% BY WEIGHT
Propargite CAS# 2312-35-8	69.2
Solvent naphtha, light aromatic CAS# 64742-95-6	< 20
Trimethylbenzene CAS# 25551-13-7	< 3



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4. FIRST AID MEASURES

Swallowing

Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. 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 by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Skin contact

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.

Eye contact

Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lens, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.

5. FIRE-FIGHTING MEASURES

Flash point: 120 °F 48.9 °C
Autoignition temperature: 324 °C (616 °F)

Hazardous combustion products

Irritating fumes.
Oxides of carbon.
Oxides of nitrogen.

Special fire fighting procedures

Do not discharge extinguishing waters into streams, rivers and lakes.

Special protective equipment for firefighters

Body covering protective clothing, full "turn-out" gear.
Self-contained breathing apparatus.

Extinguishing media

Suitable: Large fires:
- alcohol-type foam or universal-type foams
Small fires:
- CO2
- dry chemical

Unsuitable: - water jets

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Evacuate unnecessary personnel., Avoid all contact with material., Wear suitable protective equipment.

Environmental precautions

Prevent from entering sewer system, surface water or soil.

Methods for cleaning up

Observe government regulations.

Small spills: Absorb on inert material such as sand, earth, vermiculite.



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Collect for disposal.

Large spills **Dike to contain spill.**
Pump excess material into suitable container (metal drums, metal tank, or such).

7. HANDLING AND STORAGE

HANDLING

Handling precautions

Wear recommended personal protection equipment., Warn personnel about the dangers of the product., Keep container tightly closed.

Other precautions

NOTE TO END-USERS: The employee protection recommendations on this MSDS may differ from those on the product label. For normal use of this product, always refer to the personal protective equipment requirements on the product label.

STORAGE

Storage requirements

Store in a cool, dry place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMIT VALUES

<u>Component</u>	<u>Country</u>	<u>Type</u>	<u>Value</u>	<u>Remark</u>
Trimethylbenzene		TLV-TWA	25 ppm	

PERSONAL PROTECTION

Respiratory protection

Toxic vapors may be evolved., The determination of appropriate respiratory protection is best performed, on a case by case basis, taking into consideration the exposure conditions of the particular operation., The respirator manufacturer should be consulted to ensure that the air-purifying cartridges utilized will provide adequate protection for the exposure conditions and period of wear concerned.

Hand protection / protective gloves

Chemical resistant protective gloves

Eye protection

Full face shield.

Skin protection

Chemical resistant protective clothing.

Other protective equipment

Eye bath, Safety shower

Industrial hygiene measures

Before eating, drinking or smoking, wash hands and face thoroughly with soap and water.

ENGINEERING CONTROLS

Ventilation

Provide local exhaust or process enclosure ventilation system.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Physical state Liquid



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Color Red-brown
Odor Solvent

OTHER PROPERTIES

Boiling point 199 °C
390 °F

Melting point -20 °C
4 °F

pH 3.9

Specific gravity (H₂O=1) 1.07

Bulk density Not applicable

Solubility in water
Solubility in organic solvents Miscible with organic solvents

Partitioning coefficient log POW: 5.7

Flash point 120 °F
48.9 °C
Method: Tag closed cup ASTM D 56

Thermal decomposition Not available

Autoignition temperature 324 °C (616 °F)

Percent volatiles Negligible

10. STABILITY AND REACTIVITY

Stability: This product is stable under normal storage and handling conditions.

Incompatible materials:

Oxidizing agents.
Strong acids.
Strong bases.

Hazardous combustion products:

Irritating fumes.
Oxides of carbon.
Oxides of nitrogen.

Hazardous polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Component data Propargite Acute toxicity - Swallowing:	LD50 - Rat Result: 2,800 mg/kg
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Component data Propargite Acute toxicity - Skin absorption:	LD50 - Rabbit Result: > 4,000 mg/kg
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<u>Component data</u> Propargite Acute toxicity - Inhalation:	LC50 - Rat Result: 0.89 mg/l Exposure time: 4 h
<u>Component data</u> Propargite Skin irritation - Skin contact:	Species: Rabbit Exposure time: 4 h Classification: Irritant
<u>Component data</u> Propargite Eye irritation - Eye contact:	Species: Rabbit Result: Severe irritation
<u>Component data</u> Propargite Sensitization:	Species: Guinea pigs Result: Negative Method: Bühler-Test
<u>Component data</u> Propargite Sensitization:	Species: Guinea pigs Result: Positive Method: Magnusson-Kligmann-Test

MUTAGENICITY:

Component (Propargite): Negative

CARCINOGENICITY

Component (Propargite): Carcinogen Cat. 3

TOXICITY TO REPRODUCTION/FERTILITY

Component(Propargite): Negative

12. ECOLOGICAL INFORMATION

<u>Component ecotoxicology</u> Propargite <u>Acute toxicity fish:</u>	LC50 - Result: 0.04 mg/l Exposure time: 96 h
<u>Component ecotoxicology</u> Propargite <u>Acute toxicity fish:</u>	LC50 - Rainbow trout (Salmo gairdneri) Result: 0.118 mg/l Exposure time: 96 h
<u>Component ecotoxicology</u> Propargite <u>Acute toxicity fish:</u>	LC50 - Bluegill (Lepomis macrochirus) Result: 0.081 mg/l Exposure time: 96 h
<u>Component ecotoxicology</u> Propargite <u>Acute toxicity fish:</u>	LC50 - Fathead minnow (Pimephales promelas) Result: 0.06 mg/l Exposure time: 96 h
<u>Component ecotoxicology</u> Propargite <u>Aquatic toxicity to plants:</u>	IC50 - Algae Result: > 1.08 mg/l Exposure time: 96 h
<u>Component ecotoxicology</u>	EC50 - Water flea (Daphnia magna)



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Propargite <u>Acute toxicity to aquatic invertebrates:</u>	Result: 0.014 mg/l Exposure time: 48 h
<u>Component ecotoxicology</u> Propargite <u>Acute toxicity to aquatic invertebrates:</u>	LC50 - Mysid shrimp (Mysis litoralis) Result: 0.101 mg/l Exposure time: 96 h

13. DISPOSAL CONSIDERATIONS

General: Dispose of in accordance with appropriate Federal, State, and local regulations., Avoid discharge to sewers and natural waters.

14. TRANSPORT INFORMATION

DOT Classification

Proper shipping name: PETROLEUM DISTILLATES, N.O.S.
Class: 3
UN ID #: UN1268
Packing group: III
marine pollutant: MARINE POLLUTANT

IMDG Classification

Proper shipping name: PETROLEUM DISTILLATES, N.O.S.
Class: 3
Subsidiary risk: marine pollutant
UN ID #: UN UN1268
Packing group: III

ICAO Classification

Proper shipping name: PETROLEUM DISTILLATES, N.O.S.
Class: 3
UN ID #: UN 1268
Packing group: III

15. REGULATORY INFORMATION

Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (RQ's) in 40CFR302.4.

Components present in this product at a level which could require reporting under the statute are:

Chemical name		CAS#	Max weight %
Propargite	RQ 10 lbs for Propargite	2312-35-8	69.20
Xylene	RQ 100 lbs for xylene (mixed isomers)	1330-20-7	< 0.64
Cumene	RQ 5000 lbs for Cumene	98-82-8	< 0.51
Trimethylbenzene		25551-13-7	< 3.00

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40CFR372 (for SARA 313). This information must be included in MSDS's that are copied and distributed for this material.

Components present in this product at a level which could require reporting under the statute are:

Chemical name	CAS#	Max weight %
Propargite	2312-35-8	69.20



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Xylene	1330-20-7	< 0.64
Cumene	98-82-8	< 0.51
Trimethylbenzene	25551-13-7	< 3.00

New Jersey Worker and Community Right-To-Know Act (Labeling Requirements)

Chemical name	CAS#	New Jersey TS Number
Propargite	2312-35-8	
Xylene	1330-20-7	
Solvent naphtha, light aromatic	64742-95-6	
Cumene	98-82-8	
Trimethylbenzene	25551-13-7	

EPA Hazard Categories (SARA 311, 312): Immediate Health Hazard, Delayed Health Hazard

California Proposition 65

Sulfurous acid, 2-(p-tert-butylphenoxy)cyclohexyl-2-propynyl ester

CHEMICAL INVENTORY

Europe:	This product is on the EINECS inventory. 219-006-1
United States:	This product is subject to regulation under the US Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) and is therefore exempt from TSCA Inventory listing requirements.
Australia:	The ingredients of this product are on the AICS inventory.
China:	The ingredients of this product are on the IECSC inventory.
Korea:	The ingredients of this product are on the ECL.
Philippines:	The ingredients of this product are on the PICCS.

16. OTHER INFORMATION

RECOMMENDED USES AND RESTRICTIONS: NOTE TO END-USERS: This MSDS is being provided to all interested persons in accordance with federal and state right-to-know laws. Precautionary Statements, First Aid Statements and Directions for Use of this product by end-users are contained on the product label and must be followed at all times.

STP	Standard temperature and pressure
W/W	Weight/Weight 0 (HMIS)
1 (HMIS)	Slight hazard
2 (HMIS)	Moderate hazard
3 (HMIS)	Serious hazard
4 (HMIS)	Severe hazard
X (HMIS)	Personal protection rating to be supplied by user depending on use conditions

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