



MATERIAL SAFETY DATA SHEET

OMITE® 30W

Version: 1.3
Date of Issue: 06/26/2007
Date printed: 06/27/2007

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : OMITE® 30W

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
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: 06/26/2007
(US) +1 866-430-2775
(EU) +44 (0) 1753.603.000
Email: MSDSRequest@chemtura.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING!

SUSPECT CANCER HAZARD.
RISK OF SERIOUS DAMAGE TO EYES.
MAY CAUSE SENSITIZATION BY SKIN CONTACT.
AVOID DISPERSION OF DUST IN AIR TO REDUCE POTENTIAL FOR DUST IGNITION/EXPLOSIONS.

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	% BY WEIGHT
Propargite CAS# -	33.1
Kaolin CAS# 1332-58-7	<= 30
Diatomaceous earth CAS# Trade secret	<= 20
Synthetic silica CAS# Trade secret	<= 15



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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

Autoignition temperature:

Not available

NFPA CLASSIFICATION

Health: 2	Flammability: 3	Reactivity: 1	Special provisions:
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Hazardous combustion products

Oxides of sulfur.

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
 - water spray

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.



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Methods for cleaning up

Avoid dust formation.
 Sweep up and dispose of as instructed

7. HANDLING AND STORAGE

HANDLING

Handling precautions

Wear recommended personal protection equipment., Warn personnel about the dangers of the product., Keep container tightly closed., Avoid dispersion of dust to reduce fire and explosion potential.

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>
Kaolin		ACGIH - respirable dust	2 mg/m3	8 hours
Diatomaceous earth	USA	TLV-TWA	0.05 mg/m3	Cristabolite - respirable fraction of dust for the substance listed
		TLV-TWA	0.1 mg/m3	Quartz - respirable fraction of dust for the substance listed
		TWA, ACGIH	10 mg/m3	
		TWA, OSHA	6 mg/m3	
Synthetic silica	Ireland	OEL	6 mg/m3	
		ACGIH	10 mg/m3	
		OSHA - total dust	15 mg/m3	

PERSONAL PROTECTION

Respiratory protection

In the absence of engineering controls sufficient to maintain airborne concentrations below recommended occupational exposure limit values, appropriate respiratory protection should be utilized., 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., Use an approved full-face air-purifying respirator. For emergency and other conditions where the exposure limit may be greatly exceeded, use an approved positive-pressure self-contained breathing apparatus., 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.



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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	Powder
Color	Gray
Odor	Typical
Odor threshold	Not available

OTHER PROPERTIES

Boiling point	Not available
Melting point	Not available
pH	Not available
Bulk density	405 kg/m ³
Vapor pressure	
Solubility in water	Not applicable
Solubility in organic solvents	Not applicable
Evaporation rate (Butyl Acetate=1)	Not available
Partitioning coefficient	Not available
Flash point	Not available
Autoignition temperature	Not available

10. STABILITY AND REACTIVITY

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

Stability - Conditions to avoid:

Strong acids.
Strong bases.
Heat.
Humidity.

Hazardous combustion products:

Oxides of sulfur.



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11. TOXICOLOGICAL INFORMATION

SWALLOWING

Test results

Acute toxicity: LD50 Rat
Result: > 5,200 mg/kg

SKIN ABSORPTION

Test results

Acute toxicity: LD50 - Rat
Result: > 5,000 mg/kg

INHALATION

Test results

Acute toxicity: LC50 - Rat
Result: > 4.4 mg/l
Exposure time: 4 h

SKIN CONTACT

Test results

Skin irritation: Species: Rabbit
Remark: Not irritant

EYE CONTACT

Test results

Eye irritation: Species: Rabbit
Result: Corneal injury
Classification: Risk of severe damage to eyes

SENSITIZATION

Test results:

Species: - Guinea pigs
Remark: sensitizing

MUTAGENICITY

Assessment: Negative

CARCINOGENICITY

Assessment: Carcinogen Cat. 3

TOXICITY TO REPRODUCTION/FERTILITY

Assessment: Negative

12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY

Acute toxicity fish: - LC50 -
Result: 0.56 mg/l
Exposure time: 96 h

Aquatic toxicity to plants: - IC50 - Algae
Result: > 1.08 mg/l
Exposure time: 72 h

Acute toxicity to aquatic invertebrates: - EC50 - Water flea (Daphnia magna)
Result: 0.43 mg/l
Exposure time: 48 h



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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: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Propargite)
Class: 9
UN ID #: UN3077
Packing group: III

Not regulated by ground or rail if shipped or transported in containers less than 33 lbs (15 kg).

IMDG Classification

Proper shipping name: Environmentally hazardous substance, solid, n.o.s.
Class: 9
Subsidiary risk: marine pollutant
UN ID #: UN 3077
Packing group: III
Technical description (Propargite)

ICAO Classification

Proper shipping name: Environmentally hazardous substance, solid, n.o.s.
Class: 9
UN ID #: UN 3077
Packing group: III
Technical description (Propargite)

Only regulated by air Into, Out of or Within the United States in containers 33 lbs (15 kg) or greater.

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	RQ 10 lbs for	CAS#	Max weight %
Propargite	Propargite	2312-35-8	<= 35.00

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	<= 35.00

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

Chemical name CAS# New Jersey TS Number



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Propargite	-		
Kaolin	1332-58-7		
Synthetic silica	Trade secret	CROM392	
Proprietary salt	Trade secret	CHEM475	
Dispersant	Trade secret	CROM400	

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

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.

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.

HMIS RATING

Health: 2	Flammability: 3	Reactivity: 1	PPI: X
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STP	Standard temperature and pressure
W/W	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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