

# SAFETY DATA SHEET

## Omite® 6e

Version      Revision Date:      MSDS Number:      Country: US  
1.2          10/16/2015          000000036591      Language: EN

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### SECTION 1. IDENTIFICATION

Product name                      : Omite® 6e  
Product code                      : 000000036591

#### Manufacturer or supplier's details

Company:                              MacDermid Agricultural Solutions, Inc  
   245 Freight St  
   Waterbury, CT  
   United States of America  
   06702  
   Telephone : +1 800 423 8569

Prepared by                              sds.request@arysta.com

Further information for the safety data sheet :  
sds.request@arysta.com

#### 1.4 Emergency telephone number

Emergency telephone number:      Agriphar Crop Solutions: +1 800 423 8569(24 hours) 800-424-9300  
   For additional emergency telephone numbers see section 16 of the  
   Safety Data Sheet.

#### Recommended use of the chemical and restrictions on use

Recommended use                      : Miticide  
Restrictions on use                      : Agriculture, For professional users only.

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Flammable liquids                      : Category 4  
Acute toxicity (Oral)                      : Category 4  
Acute toxicity (Inhalation)                      : Category 2  
Skin corrosion                              : Category 1A

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Serious eye damage : Category 1  
Respiratory sensitisation : Category 1  
Skin sensitisation : Category 1  
Carcinogenicity : Category 2  
Aspiration hazard : Category 1  
Acute aquatic toxicity : Category 1  
Chronic aquatic toxicity : Category 1

### GHS Label element

Hazard pictograms :



Signal word : Danger

Hazard statements : H227 Combustible liquid.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.  
H330 Fatal if inhaled.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H351 Suspected of causing cancer.  
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P271 Use only outdoors or in a well-ventilated area.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P284 Wear respiratory protection.  
**Response:**  
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.  
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT

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induce vomiting.  
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.  
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  
P308 + P313 IF exposed or concerned: Get medical advice/ attention.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.  
P363 Wash contaminated clothing before reuse.  
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.  
P391 Collect spillage.  
**Storage:**  
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
P403 + P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.  
**Disposal:**  
P501 Dispose of contents/ container to an approved waste disposal plant.

### Other hazards

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture  
Chemical nature : Fungicide  
Propargite - 6 lbs/gal

### Hazardous components

| Chemical Name   | CAS-No.    | Concentration (% w/w) |
|---|------------|-----------------------|
| propargite  | 2312-35-8  | >= 50 - < 70          |
| Distillates (petroleum), hydrotreated light                             | 64742-47-8 | >= 10 - < 20          |
| Benzenesulfonic acid, mono-C11-13-branched alkyl derivs., calcium salts | 68953-96-8 | >= 1 - < 5            |
| butan-1-ol  | 71-36-3    | >= 1 - < 5            |
| heptane   | 142-82-5   | >= 0.1 - < 1          |
| 4-tert-butylphenol  | 98-54-4    | >= 0.1 - < 1          |

## SECTION 4. FIRST AID MEASURES

If inhaled : Move to fresh air.

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- If not breathing, give artificial respiration.  
If breathing is difficult, give oxygen.  
Call a POISON CENTER or doctor/ physician.
- In case of skin contact : Remove contaminated clothing and shoes.  
Wash off immediately with plenty of water for at least 15 minutes.  
Call a POISON CENTER or doctor/ physician.
- In case of eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.  
Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.  
Call a POISON CENTER or doctor/ physician.
- If swallowed : Call a physician or poison control centre immediately.  
If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel.  
Do not give anything to drink.  
Never give anything by mouth to an unconscious person.
- Do not induce vomiting without medical advice.
- Most important symptoms and effects, both acute and delayed : Breathing difficulties  
discomfort in the chest  
Drowsiness  
irritant effects  
carcinogenic effects  
Harmful if swallowed.  
May be fatal if swallowed and enters airways.  
Causes severe skin burns and eye damage.  
May cause an allergic skin reaction.  
Causes serious eye damage.  
Fatal if inhaled.  
May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
Suspected of causing cancer.
- Notes to physician : The first aid procedure should be established in consultation with the doctor responsible for industrial medicine.
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### SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Extinguishing media - large fires  
Alcohol-resistant foam  
(on small fires)  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical
- Unsuitable extinguishing media : Water spray jet
- Specific hazards during fire-fighting : Do not allow run-off from fire fighting to enter drains or water courses.
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Burning produces noxious and toxic fumes.

Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Further information : 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 (EN 133)

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Evacuate unnecessary personnel.  
Avoid all contact with material.  
Wear suitable protective equipment.

Environmental precautions : Prevent leaks and prevent soil / water pollution caused by leaks.

Methods and materials for containment and cleaning up : Absorb on inert material such as sand, earth, vermiculite.  
Collect for disposal.  
Dam up.  
Large spills should be collected mechanically (remove by pumping) for disposal.  
Pump excess material into suitable container (metal drums, metal tank, or such).

In accordance with local and national regulations.

### SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Wear suitable protective equipment.  
Warn personnel about the dangers of the product.  
Keep container tightly closed.

Conditions for safe storage : Keep in a dry, cool place.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

| Components                                  | CAS-No.    | Value type<br>(Form of exposure) | Control parameters<br>/ Permissible concentration  | Basis    |
|---|------------|----------------------------------|--|----------|
| Distillates (petroleum), hydrotreated light | 64742-47-8 | TWA                              | 500 ppm<br>2,000 mg/m <sup>3</sup>                 | OSHA Z-1 |
|   |            | TWA                              | 200 mg/m <sup>3</sup><br>(total hydrocarbon vapor) | ACGIH    |
|   |            | TWA                              | 400 ppm<br>1,600 mg/m <sup>3</sup>                 | OSHA P0  |

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|            |          |            |                                    |           |
|------------|----------|------------|------------------------------------|-----------|
|            |          | TWA (Mist) | 5 mg/m <sup>3</sup>                | OSHA Z-1  |
|            |          | TWA (Mist) | 5 mg/m <sup>3</sup>                | OSHA P0   |
|            |          | TWA (Mist) | 5 mg/m <sup>3</sup>                | NIOSH REL |
|            |          | ST (Mist)  | 10 mg/m <sup>3</sup>               | NIOSH REL |
| butan-1-ol | 71-36-3  | TWA        | 20 ppm                             | ACGIH     |
|            |          | TWA        | 100 ppm<br>300 mg/m <sup>3</sup>   | OSHA Z-1  |
|            |          | C          | 50 ppm<br>150 mg/m <sup>3</sup>    | OSHA P0   |
|            |          | C          | 50 ppm<br>150 mg/m <sup>3</sup>    | NIOSH REL |
| heptane    | 142-82-5 | TWA        | 500 ppm<br>2,000 mg/m <sup>3</sup> | OSHA Z-1  |
|            |          | TWA        | 400 ppm<br>1,600 mg/m <sup>3</sup> | OSHA P0   |
|            |          | STEL       | 500 ppm<br>2,000 mg/m <sup>3</sup> | OSHA P0   |
|            |          | TWA        | 400 ppm                            | ACGIH     |
|            |          | STEL       | 500 ppm                            | ACGIH     |
|            |          | TWA        | 85 ppm<br>350 mg/m <sup>3</sup>    | NIOSH REL |
|            |          | C          | 440 ppm<br>1,800 mg/m <sup>3</sup> | NIOSH REL |
|            |          | TWA        | 400 ppm                            | ACGIH     |
|            |          | STEL       | 500 ppm                            | ACGIH     |

### Hazardous components without workplace control parameters

| Components  | CAS-No.    |
|---|------------|
| propargite  | 2312-35-8  |
| Benzenesulfonic acid, mono-C11-13-branched alkyl derivs., calcium salts | 68953-96-8 |
| 4-tert-butylphenol  | 98-54-4    |

### Personal protective equipment

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection

Remarks : Impervious gloves

Eye protection : Face-shield

Skin and body protection : Preventive skin protection

Hygiene measures : Provide adequate ventilation.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance : liquid

Colour : red brown, to, black

Odour : slight, sulphurous

Odour Threshold : No data available

pH : No data available

Melting point/range : Not applicable

Boiling point/boiling range : No data available

Flash point : 66 °C  
Method: Tag closed cup

Evaporation rate : No data available

Upper explosion limit : No data available

Lower explosion limit : No data available

Vapour pressure : No data available

Relative vapour density : No data available

Relative density : No data available

Density : 1.045 g/cm<sup>3</sup>

Solubility(ies)

    Water solubility : emulsifiable

    Solubility in other solvents : completely miscible

Partition coefficient: n-octanol/water : log Pow: 5.7

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity

    Viscosity, dynamic : No data available

    Viscosity, kinematic : No data available

Oxidizing potential : No information available.

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### SECTION 10. STABILITY AND REACTIVITY

Reactivity : Stable under recommended storage conditions.

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Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : No dangerous reaction known under conditions of normal use.

Conditions to avoid : Heat, flames and sparks.

Incompatible materials : Strong acids and strong bases

Hazardous decomposition products : Burning produces noxious and toxic fumes.

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

Inhalation  
Eye contact  
Skin contact  
Ingestion

#### Acute toxicity

##### Product:

Acute oral toxicity : LD50 (Rat): 960 mg/kg

Acute inhalation toxicity : LC50 (Rat): 0.46 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 (Rabbit): 4,500 mg/kg

##### Components:

##### **propargite:**

Acute oral toxicity : LD50 (Rat): 2,800 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 4.5 mg/l  
Exposure time: 1 h  
Test substance: 10 % gravimetric suspension in distilled water  
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 (Rabbit): > 4,000 mg/kg

##### **4-tert-butylphenol:**

Acute oral toxicity : LD50 (Rat): 2,990 mg/kg  
  
LD50 (Rat): 4,000 mg/kg  
Method: OECD Test Guideline 401  
GLP: no

Acute dermal toxicity : LD50 (Rabbit): 2,318 mg/kg  
GLP: no



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LD50 (Rabbit): 2,288 mg/kg

### **Skin corrosion/irritation**

#### **Product:**

Species: Rabbit  
Result: Corrosive

#### **Components:**

##### **propargite:**

Species: Rabbit  
Result: Irritating to skin.

##### **4-tert-butylphenol:**

Species: Rabbit  
Method: OECD Test Guideline 404  
Result: Skin irritation

### **Serious eye damage/eye irritation**

#### **Product:**

Species: Rabbit  
Result: Severe irritation

#### **Components:**

##### **propargite:**

Species: Rabbit  
Result: Severe eye irritation  
Assessment: Risk of serious damage to eyes.

##### **4-tert-butylphenol:**

Species: Rabbit  
Result: Eye irritation  
Method: Draize Test

### **Respiratory or skin sensitisation**

#### **Product:**

Species: Guinea pig  
Result: negative

#### **Components:**

##### **propargite:**

Test Type: Buehler Test  
Species: Guinea pig  
Assessment: Did not cause sensitisation on laboratory animals.  
Result: Did not cause sensitisation on laboratory animals.

##### **4-tert-butylphenol:**

Test Type: Patch Test

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Species: Human  
Assessment: May cause sensitisation by skin contact.

### Germ cell mutagenicity

#### Components:

##### **propargite:**

Germ cell mutagenicity - Assessment : Not mutagenic in Ames Test

##### **4-tert-butylphenol:**

Genotoxicity in vitro : Test Type: Ames test  
Metabolic activation: with and without metabolic activation  
Method: Mutagenicity (Escherichia coli - reverse mutation assay)  
Result: negative  
GLP: yes

: Test Type: Chromosome aberration test in vitro  
Metabolic activation: with and without metabolic activation  
Result: positive  
GLP: yes

: Test Type: In Vitro mammalian Cell Gene Mutation Test  
Metabolic activation: with and without metabolic activation  
Result: negative

: Test Type: Chromosome aberration test in vitro  
Metabolic activation: with and without metabolic activation  
Result: negative  
GLP: yes

Germ cell mutagenicity - Assessment : In vitro tests showed mutagenic effects

### Carcinogenicity

#### Components:

##### **propargite:**

Carcinogenicity - Assessment : Suspected of causing cancer.

##### **4-tert-butylphenol:**

Carcinogenicity - Assessment : Carcinogenicity classification not possible from current data.

### IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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### OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

### NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

### Reproductive toxicity

#### Components:

##### **propargite:**

Reproductive toxicity - Assessment : Not classified due to data which are conclusive although insufficient for classification.

##### **4-tert-butylphenol:**

Reproductive toxicity - Assessment : No toxicity to reproduction  
No effects on or via lactation

### STOT - single exposure

#### Components:

##### **4-tert-butylphenol:**

Assessment: May cause respiratory irritation.

### STOT - repeated exposure

#### Components:

##### **4-tert-butylphenol:**

Exposure routes: Oral

Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

### Aspiration toxicity

#### Product:

Harmful: may cause lung damage if swallowed.

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### SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

##### Components:

##### propargite:

- Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): 0.081 mg/l  
Exposure time: 96 h
- LC50 (Pimephales promelas (fathead minnow)): 0.06 mg/l  
Exposure time: 96 h
- LC50 (Salmo gairdneri): 0.118 mg/l  
Exposure time: 96 h
- LC50 (Fish): 0.04 mg/l  
Exposure time: 96 h
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0.014 mg/l  
Exposure time: 48 h
- EC50 (Crangon crangon (shrimp)): 0.101 mg/l  
Exposure time: 48 h
- Toxicity to algae : IC50 (Pseudokirchneriella subcapitata (green algae)): > 1.08 mg/l  
Exposure time: 96 h

##### 4-tert-butylphenol:

- Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 5.1 mg/l  
Exposure time: 96 h  
Test Type: semi-static test  
Analytical monitoring: yes
- LC50 (Oryzias latipes (Orange-red killifish)): 5.1 mg/l  
Exposure time: 96 h  
Test Type: semi-static test  
Analytical monitoring: no  
Method: OECD Test Guideline 203  
GLP: no
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 3.4 mg/l  
Exposure time: 48 h  
Test Type: semi-static test  
Analytical monitoring: no  
Method: OECD Test Guideline 202  
GLP: no
- Toxicity to algae : EC50 (Desmodesmus subspicatus (Scenedesmus subspicatus)): 11.2 mg/l  
End point: Inhibition of growth  
Exposure time: 72 h  
Test Type: Growth inhibition

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EbC50 (Selenastrum capricornutum (green algae)): 22.7 mg/l  
End point: Biomass  
Exposure time: 72 h  
Analytical monitoring: yes  
Method: OECD Test Guideline 201  
GLP: no

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 0.73 mg/l  
Exposure time: 21 d  
Analytical monitoring: no  
GLP: no

Toxicity to bacteria : EC10 (Pseudomonas putida): 140 mg/l  
Exposure time: 5 h  
GLP:

### Persistence and degradability

#### Product:

Biodegradability : Remarks: No data available

#### Components:

##### **4-tert-butylphenol:**

Biodegradability : aerobic  
Inoculum: activated sludge  
Result: Readily biodegradable  
Biodegradation: 98 %  
Exposure time: 28 d  
Method: Tested according to Directive 92/69/EEC.  
GLP: yes

### Bioaccumulative potential

#### Product:

Bioaccumulation : Remarks: No data available

#### Components:

##### **Benzenesulfonic acid, mono-C11-13-branched alkyl derivs., calcium salts:**

Partition coefficient: n-octanol/water : log Pow: 5.54  
GLP: no

##### **butan-1-ol:**

Partition coefficient: n-octanol/water : log Pow: 0.9

##### **heptane:**

Partition coefficient: n-octanol/water : log Pow: 4.7

##### **4-tert-butylphenol:**

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Bioaccumulation : Species: Leuciscus idus (Golden orfe)  
Bioconcentration factor (BCF): 120

Partition coefficient: n-octanol/water : log Pow: 3.29 (25 °C)  
Method: OECD Test Guideline 107  
GLP: yes

### Mobility in soil

#### Product:

Mobility : Remarks: No data available

### Other adverse effects

#### Product:

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances  
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : In accordance with local and national regulations.  
The product should not be allowed to enter drains, water courses or the soil.

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## SECTION 14. TRANSPORT INFORMATION

### International Regulation

#### **UNRTDG**

UN number : UN 3082  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
Class : 9  
Packing group : III  
Labels : 9

#### **IATA-DGR**

UN/ID No. : UN 3082  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

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N.O.S.  
(propargite)

Class : 9  
Packing group : III  
Labels : Miscellaneous  
Packing instruction (cargo aircraft) : 964  
Packing instruction (passenger aircraft) : 964

**IMDG-Code**  
UN number : UN 3082  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (propargite)

Class : 9  
Packing group : III  
Labels : 9  
EmS Code : F-A, S-F  
Marine pollutant : yes

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**National Regulations**

**49 CFR**

UN/ID/NA number : UN 3082  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (propargite)

Class : 9  
Packing group : III  
Labels : CLASS 9  
ERG Code : 171  
Marine pollutant : yes(propargite)

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### SECTION 15. REGULATORY INFORMATION

**EPCRA - Emergency Planning and Community Right-to-Know Act**

**CERCLA Reportable Quantity**

| Components | CAS-No.   | Component RQ (lbs) | Component RQ (lbs) |
|------------|-----------|--------------------|--------------------|
| propargite | 2312-35-8 | 10                 | 16                 |

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

**SSARA 311/312 Hazards** : Fire Hazard  
Acute Health Hazard  
Chronic Health Hazard

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**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:

|            |           |          |
|------------|-----------|----------|
| propargite | 2312-35-8 | 62.366 % |
| butan-1-ol | 71-36-3   | 1.5109 % |

### Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489):

|            |         |          |
|------------|---------|----------|
| butan-1-ol | 71-36-3 | 1.5109 % |
|------------|---------|----------|

### Clean Water Act

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

|            |           |          |
|------------|-----------|----------|
| propargite | 2312-35-8 | 62.366 % |
|------------|-----------|----------|

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

|            |           |          |
|------------|-----------|----------|
| propargite | 2312-35-8 | 62.366 % |
|------------|-----------|----------|

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

### California Prop. 65

WARNING! This product contains a chemical known to the State of California to cause cancer.

|   |            |
|---|------------|
| propargite                                  | 2312-35-8  |
| Distillates (petroleum), hydrotreated light | 64742-47-8 |

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

|            |           |
|------------|-----------|
| propargite | 2312-35-8 |
|------------|-----------|

### TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

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### FIFRA Hazard Information:

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for



# SAFETY DATA SHEET

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|         |                |              |              |
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workplace labels of non-pesticide chemicals. The pesticide label also includes other important information, including directions for use.

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### SECTION 16. OTHER INFORMATION

#### Full text of other abbreviations

(Q)SAR - (Quantitative) Structure Activity Relationship; ASTM - American Society for the Testing of Materials; bw - Body weight; DIN - Standard of the German Institute for Standardisation; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISO - International Organisation for Standardization; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative; DSL - Domestic Substances List (Canada); KECI - Korea Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); AICS - Australian Inventory of Chemical Substances; IECSC - Inventory of Existing Chemical Substances in China; ENCS - Existing and New Chemical Substances (Japan); ISHL - Industrial Safety and Health Law (Japan); PICCS - Philippines Inventory of Chemicals and Chemical Substances; NZIoC - New Zealand Inventory of Chemicals; TCSI - Taiwan Chemical Substance Inventory; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; DOT - Department of Transportation; EHS - Extremely Hazardous Substance; HMIS - Hazardous Materials Identification System; MSHA - Mine Safety and Health Administration; NFPA - National Fire Protection Association; RCRA - Resource Conservation and Recovery Act; RQ - Reportable Quantity; SARA - Superfund Amendments and Reauthorization Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; GLP - Good Laboratory Practice; ERG - Emergency Response Guide; NTP - National Toxicology Program; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods

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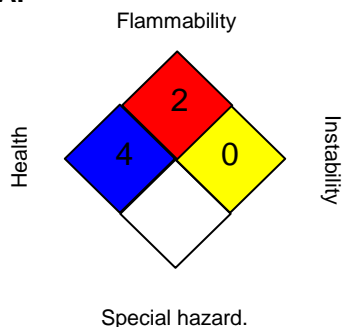
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10/16/2015

MSDS Number:  
000000036591

Country: US  
Language: EN

### Further information

#### NFPA:



#### HMIS III:

|                 |    |
|-----------------|----|
| HEALTH          | 3* |
| FLAMMABILITY    | 2  |
| PHYSICAL HAZARD | 0  |

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

Revision Date : 10/16/2015

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

US / EN

### Carechem24 International Worldwide Coverage

#### Emergency Phone Number

|                      |  |                                     |
|----------------------|--|-------------------------------------|
| <u>Europe:</u>       | All European Countries                   | +44 (0) 1235 239 670 (NCEC)         |
| <u>Asia Pacific:</u> | East / South East Asia – Regional Number | +65 3158 1074                       |
|                      | Australia                                | +61 2801 44558                      |
|                      | New Zealand                              | +64 9929 1483                       |
|                      | China                                    | +86 532 8388 9090                   |
|                      | China Taiwan                             | +86 10 5100 3039                    |
|                      | Japan                                    | +81 345 789 341                     |
|                      | Indonesia                                | 00780 3011 0293                     |
|                      | Malaysia                                 | +60 3 6207 4347                     |
|                      | Thailand                                 | 001800 1 2066 6751                  |
|                      | Korea                                    | +65 3158 1285<br>+82 (0)234 798 401 |
|                      | Vietnam                                  | +65 3158 1255                       |
|                      | India                                    | +65 3158 1198<br>0800 100 7479      |

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Language: EN

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|                              |                                     |                                   |
|------------------------------|-------------------------------------|-----------------------------------|
|                              | Pakistan                            | +65 3158 1329                     |
|                              | Philippines                         | +65 31581203                      |
|                              | Sri Lanka                           | +65 3158 1195                     |
|                              | Emergency Phone Number              | +65 3158 1200                     |
| <u>Middle East / Africa:</u> | Arabic speaking countries           | +44 (0) 1235 239 671              |
|                              | South Africa                        | +27 21 300 2732                   |
|                              | All other countries                 | +44 (0) 1235 239 670              |
| <u>America</u>               | United States of America and Canada | +1866 928 0789<br>+1 215 207 0061 |
| <u>Latin America:</u>        | Brazil                              | +55 113 711 9144                  |
|                              | Mexico                              | +52 555 004 8763                  |
|                              | Chile                               | +56 225 829 336                   |
|                              | All other countries                 | +44 (0) 1235 239 670              |