



Material Safety Data Sheet

COMITE®

Version: 1.10

Revision Date: 01/31/2011

Print Date: 02/01/2011

EPA REG. NO. 400-104

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: *COMITE®*

Synonyms: Propargite

Company: Chemtura Corporation
199 Benson Road
Middlebury, CT
06749
United States of America

Telephone: 866-430-2775

Emergency telephone number: CHEMTREC: (24 hours) 800-424-9300
:
Chemtura Corporation Emergency Response: CHEMTURA : 800-292-5898

For additional emergency telephone numbers see section 16 of the Safety Data Sheet.

Prepared by: Product Safety Department
(US) +1 866-430-2775

01/31/2011

+011-886-2-2712-5668 MSDSRequest@chemtura.com

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

DANGER!

Form: liquid

Colour: light brown clear

Odour: characteristic

Hazard Summary

:
Combustible liquid
Toxic by inhalation.
Harmful if swallowed.
Risk of serious damage to eyes.
May cause skin irritation.
Limited evidence of a carcinogenic effect.
Potential oxidizer.



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Carcinogenicity:

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.

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.

ACGIH

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

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Component	CAS-No.	Weight percent
Propargite Technical		73.6 %
propan-2-ol	67-63-0	< 5 %
butan-1-ol	71-36-3	< 2 %

SECTION 4. FIRST AID MEASURES

First aid procedures

- Inhalation : Move to fresh air.
If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
Call a POISON CENTER or doctor/ physician.
- 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.
- Eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Remove contact lenses, if present, after 5 minutes, then continue rinsing eye.
Call a POISON CENTER or doctor/ physician.
- Ingestion : Call a physician or poison control centre immediately.
If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel.



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If a person vomits when lying on his back, place him in the recovery position.
Never give anything by mouth to an unconscious person.

SECTION 5. FIRE-FIGHTING MEASURES

Flammable properties

Flash point : 77.7 °F (25.4 °C)
Ignition temperature : 842 °F (450 °C)
Lower explosion limit : Remarks: no data available
Upper explosion limit : Remarks: no data available

Fire fighting

Suitable extinguishing media : Extinguishing media - large fires
Alcohol-resistant foam
Small fires:
Carbon dioxide (CO2)
Dry chemical
Unsuitable extinguishing media : Water spray jet
Further information : Do not discharge extinguishing waters into streams, rivers and lakes.

Protective equipment and precautions for firefighters

Special protective equipment for fire-fighters : Body covering protective clothing, full "turn-out" gear.
Self-contained breathing apparatus.

SECTION 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 containment /
Methods for 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).
Observe government regulations.



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SECTION 7. HANDLING AND STORAGE

Handling

Handling procedures : Wear suitable protective equipment.
Warn personnel about the dangers of the product.
Keep container tightly closed.
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

Requirements for storage areas and containers : Keep in a dry, cool place.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Components with workplace control parameters

Components / CAS-No.	Value / Basis / Update	Control parameters	Further information
propan-2-ol 67-63-0	TWA ACGIH 2007-01-01	200 ppm	
	STEL ACGIH 2007-01-01	400 ppm	
	TWA OSHA P1 1997-08-04	400 ppm 980 mg/m3	
	TWA OSHA P0 1989-01-19	400 ppm 980 mg/m3	
	STEL OSHA P0 1989-01-19	500 ppm 1,225 mg/m3	



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	TWA ACGIH 2007-01-01	200 ppm	
	STEL ACGIH 2007-01-01	400 ppm	
	TWA OSHA P1 1997-08-04	400 ppm 980 mg/m3	
	TWA OSHA P0 1989-01-19	400 ppm 980 mg/m3	
	STEL OSHA P0 1989-01-19	500 ppm 1,225 mg/m3	
butan-1-ol 71-36-3	TWA ACGIH 2007-01-01	20 ppm	
	TWA OSHA P1 1997-08-04	100 ppm 300 mg/m3	
	C OSHA P0 1989-01-19	50 ppm 150 mg/m3	

Engineering measures

Personal protective equipment

Eye protection : Face-shield

Hand protection : Impervious gloves

Skin and body protection : Preventive skin protection



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Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.
Use NIOSH approved respiratory protection.

Hygiene measures : Provide adequate ventilation.
Wash hands and face before breaks and immediately after handling the product.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : liquid
Colour : light brown
clear

Odour : characteristic

Safety data

Flash point : 77.7 °F (25.4 °C)

Ignition temperature : 842 °F (450 °C)

Lower explosion limit : Note: no data available

Upper explosion limit : Note: no data available

pH : 5.4
Note: 1% Solution

Boiling point/boiling range : 133.2 °F (56.2 °C)

Density : 1.08 g/cm3

Water solubility : Note: emulsifiable

Partition coefficient: n-octanol/water : Note: no data available

Solubility in other solvents : Note: no data available

Viscosity, dynamic : 14 - 28 mPa.s
at 68 °F (20 °C)



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SECTION 10. STABILITY AND REACTIVITY

- Materials to avoid : Remarks: Oxidizing agents
Strong acids and strong bases
- Hazardous decomposition products : Note: Carbon oxides
Other hazardous decomposition products may be formed.
- Hazardous reactions : Hazardous polymerisation does not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

- Acute oral toxicity : LD50: 600 mg/kg
Species: rat
- Acute inhalation toxicity : LC50: 0.75 mg/l
Exposure time: 4 h
Species: rat
- Acute dermal toxicity : LD50: > 5,000 mg/kg
Species: rat
- Skin irritation : Species: rabbit
Result: Severe skin irritation
- Eye irritation : Species: rabbit
Result: Corrosive
- Sensitisation : Species: guinea pig
Result: negative

Toxicology Assessment

- CMR effects : Carcinogenicity:
Limited evidence of a carcinogenic effect.
Mutagenicity:
negative
Reproductive toxicity:
negative



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12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Toxicity to fish : LC50: 0.143 mg/l
Exposure time: 96 h

: LC50: 0.118 mg/l

Species: Salmo gairdneri

Toxicity to daphnia and other : EC50: 0.075 mg/l
aquatic invertebrates. Exposure time: 48 h

Toxicity to algae : IC50: 0.31 mg/l
Exposure time: 72 h

Further information on ecology

SECTION 13. DISPOSAL CONSIDERATIONS

Further information : Dispose of waste material in compliance with all federal, state, and local regulations.
The product should not be allowed to enter drains, water courses or the soil.

SECTION 14. TRANSPORT INFORMATION

DOT

UN number : 1993
Description of the goods : Flammable liquid, n.o.s.
(Isopropyl alcohol, Propargite, Alkylbenzenesulphonates)
Class : 3
Packing group : III

TDG

UN number : 1993
Description of the goods : Flammable liquid, n.o.s.



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Class : 3
(Isopropyl alcohol, Propargite,
Alkylbenzenesulphonates)
Packing group : III

IATA

UN number : 1993
Description of the goods : Flammable liquid, n.o.s.
(Isopropyl alcohol, Propargite,
Alkylbenzenesulphonates)
Class : 3
Packing group : III

IMDG

UN number : 1993
Description of the goods : Flammable liquid, n.o.s.
(Isopropyl alcohol, Propargite,
Alkylbenzenesulphonates)
Class : 3
Packing group : III
EmS Letter 1 : F-E
EmS Letter 2 : S-E
Marine pollutant : yes
Propargite

SECTION 15. REGULATORY INFORMATION

SARA 302 Reportable :
Quantity

EPCRA - EMERGENCY PLANNING COMMUNITY RIGHT - TO - KNOW

SARA 302 Reportable :
Quantity

SARA 313 Components	ethylene oxide 75-21-8	1000 lbs
	Isopropyl alcohol	67-63-0
	Butanol	71-36-3



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California Prop. 65 Components

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

Naphthalene 91-20-3

Oxirane 75-21-8

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

Oxirane 75-21-8

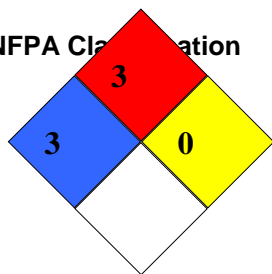
SECTION 16. OTHER INFORMATION

Further information

HMIS Classification

: Health hazard: 3
Flammability: 3
Physical hazards: 0
PPI: Ask supervisor or safety specialist for handling instructions

NFPA Classification



: Health hazard: 3
Fire Hazard: 3
Reactivity Hazard: 0

Other Emergency Phone Number

<u>Latin America:</u>	Brazil	+52 113 711 91 44
	All other countries	+44 (0)208 762 8322
<u>Mexico:</u>		+52 555 004 87 63

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



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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.