

# Safety Data Sheet

## Cable Clear®

### 1. Identification

#### PRODUCT IDENTIFIER

**Product Identity** Cable Clear

#### RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

**Intended use** See Technical Data Sheet.

**Application Method** See Technical Data Sheet.

#### DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

**Company Name** BioChem Systems, Inc.  
P.O Box 8098  
The Woodlands, TX 77387-8098

**Contact information** 800-777-7870

**EMERGENCY TELEPHONE NUMBER** PERS: (800) 633-8253

### 2. Hazard(s) Identification

#### CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Flam. Liq. 3;H226 Flammable liquid and vapor.  
Asp. Tox. 1;H304 May be fatal if swallowed and enters airways.

#### LABEL ELEMENTS

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



**Danger**

H226 Flammable liquid and vapor.  
H304 May be fatal if swallowed and enters airways.

#### [Prevention]:

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.  
P235 Keep cool.  
P240 Ground / bond container and receiving equipment.  
P241 Use explosion-proof electrical / ventilating / light / equipment.  
P242 Use only non-sparking tools.

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200)

SDS Revision Date: 4/27/2015

Page 1 of 9

## Safety Data Sheet

### Cable Clear®

P243 Take precautionary measures against static discharge.

P280 Wear protective gloves / eye protection / face protection.

**[Response]:**

P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.

P303+361+353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.

P331 Do NOT induce vomiting.

P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

**[Storage]:**

P403+233 Store in a well ventilated place. Keep container tightly closed.

P405 Store locked up.

**[Disposal]:**

P501 Dispose of contents / container in accordance with local / national regulations.

### 3. Composition/Information on Ingredients

#### MIXTURES

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Natural Terpenes CAS Number: Proprietary	75- 100	Flam. Liq. 2;H225 Asp. Tox. 1;H304	[1]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

### 4. First Aid Measures

#### DESCRIPTION OF FIRST AID MEASURES

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
<b>Eyes</b>	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
<b>Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
<b>Ingestion</b>	If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

## Safety Data Sheet

### Cable Clear®

#### MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

##### Overview

Primary routes of entry: eyes, skin  
Effect of acute and chronic overexposure: Acute: Eyes: Liquid causes eye irritation.  
Skin: Prolonged contact, as with clothing wetted with material, may cause more severe irritation and discomfort. May cause dermatitis and aggravate existing skin conditions.  
Respiratory System: High vapor concentration may cause headaches and irritation to the respiratory system.  
Ingestion: May irritate stomach and intestines. If swallowed may be aspirated into lungs resulting in pulmonary edema and chemical pneumonitis. Ingestion may cause burns to the digestive tract. Chronic: Repeated skin contact may cause a persistent irritation or dermatitis.  
Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.

##### Inhalation

May be fatal if swallowed and enters airways.

## 5. Fire-Fighting Measures

#### FLAMMABILITY

**Flammability** Flash Point: 121F (PMCC)

#### EXTINGUISHING MEDIA

Dry chemical, carbon dioxide or halon. Do not use water.

#### SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Hazardous decomposition: High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

Keep away from heat / sparks / open flames / hot surfaces - No smoking.

Keep cool.

Ground / bond container and receiving equipment.

Use explosion-proof electrical / ventilating / light / equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

#### ADVICE FOR FIRE-FIGHTERS

Use self-contained breathing apparatus and full protective clothing (Bunker gear).

**ERG Guide No.** ----

## Safety Data Sheet

### Cable Clear®

## 6. Accidental Release Measures

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Put on appropriate personal protective equipment (see section 8).

### ENVIRONMENTAL PRECAUTIONS

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations. (See section 13).

Clean, preferably with a detergent. Do not use solvents.

Do not allow spills to enter drains or watercourses.

If drains, sewers, streams or lakes are contaminated, inform the local water company immediately. In the case of contamination of rivers, streams or lakes the Environmental Protection Agency should also be informed.

Avoid use of any ignition source near spill.

## 7. Handling and Storage

### PRECAUTIONS FOR SAFE HANDLING

See section 2 for further details. - [Prevention]:

### CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Handle containers carefully to prevent damage and spillage.

Naked flames and smoking should not be permitted in storage areas. It is recommended that fork lift trucks and electrical equipment are protected to the appropriate standard.

Incompatible materials: Strong oxidizing agents and acids.

Store in original container in well ventilated areas at temperatures below 140F. Store in closed containers away from heat or sources of ignition and oxidizing materials. Protect against physical damage to containers.

See section 2 for further details. - [Storage]:

## 8. Exposure Controls and Personal Protection

### CONTROL PARAMETERS

#### Exposure

No established chemicals at levels which require reporting for this product.

## Safety Data Sheet Cable Clear®

### Carcinogen Data

No established chemicals at levels which require reporting for this product.

### EXPOSURE CONTROLS

<b>Respiratory</b>	If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.
<b>Eyes</b>	Goggles
<b>Skin</b>	Impervious gloves are recommended.
<b>Engineering Controls</b>	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
<b>Other Work Practices</b>	Ensure emergency eye wash and shower stations are available in workplace. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

## 9. Physical and Chemical Properties

<b>Appearance</b>	Clear Liquid
<b>Odor</b>	Citrus
<b>Odor threshold</b>	Not Measured
<b>pH</b>	Not Measured
<b>Melting point / freezing point</b>	Liquid 25C
<b>Initial boiling point and boiling range</b>	348 F
<b>Flash Point</b>	121F (PMCC)
<b>Evaporation rate</b>	<1 (H <sub>2</sub> O=1)
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> Not Measured <b>Upper Explosive Limit:</b> Not Measured
<b>Vapor pressure</b>	<2 mmHg (primary constituent)
<b>Vapor Density</b>	>1 (air=1)
<b>Specific Gravity</b>	0.840 @25C (H <sub>2</sub> O=1)
<b>Solubility in Water</b>	Insoluble
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Measured
<b>Auto-ignition temperature</b>	Not Measured
<b>Decomposition temperature</b>	Not Measured
<b>Viscosity (cSt)</b>	<20.5

## Safety Data Sheet Cable Clear®

### 10. Stability and Reactivity

**10.1. Reactivity**

Hazardous Polymerization will not occur.

**10.2. Chemical stability**

Stable under normal circumstances.

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**

Excessive heat and open flame.

**10.5. Incompatible materials**

Strong oxidizing agents and acids.

**10.6. Hazardous decomposition products**

High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

### 11. Toxicological Information

**ACUTE TOXICITY**

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Natural Terpenes- (Proprietary)	5,000.00, Rat - Category: 5	5,000.00, Rabbit - Category: 5	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable

## Safety Data Sheet Cable Clear®

Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	1	May be fatal if swallowed and enters airways.

### 12. Ecological Information

#### TOXICITY

No additional information provided for this product. See Section 3 for chemical specific data.

#### Aquatic Ecotoxicity

#### PERSISTENCE AND DEGRADABILITY

There is no data available on the preparation itself.

#### BIOACCUMULATIVE POTENTIAL

Not Measured

#### MOBILITY IN SOIL

No data available.

#### RESULTS OF PBT AND vPvB ASSESSMENT

This product contains no PBT/vPvB chemicals.

#### OTHER ADVERSE EFFECTS

No data available.

### 13. Disposal Considerations

#### WASTE TREATMENT METHODS

Observe all federal, state and local regulations when disposing of this substance.

### 14. Transport Information

Non-Bulk Domestic Ground This material is not regulated for domestic ground shipments by the U.S. Department of Transportation (DOT) when transported in non-bulk (a packaging which has a maximum capacity of 119 gallons or less as a receptacle for a liquid). Reference 49 CFR 173.120 (b) (2) and 173.150 (f) (1).

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200)

SDS Revision Date: 4/27/2015

Page 7 of 9


## Safety Data Sheet Cable Clear®

**In summary, for non-bulk domestic ground shipments:**

DOT Class: Not Regulated  
 Hazard Class: Not Applicable  
 UN No.: Not Applicable

	<b>DOT (Domestic Surface Transportation)</b>	<b>IMO / IMDG (Ocean Transportation)</b>	<b>ICAO/IATA</b>
<b>UN NUMBER</b>	UN2319	UN2319	UN2319
<b>UN PROPER SHIPPING NAME</b>	UN2319, Terpene hydrocarbons, n.o.s., 3, III	Terpene hydrocarbons, n.o.s.	Terpene hydrocarbons, n.o.s.
<b>TRANSPORT HAZARD CLASS(ES)</b>	<b>DOT Hazard Class: 3</b>	<b>IMDG: 3 Sub Class: Not Applicable</b>	<b>Air Class: 3</b>
<b>PACKING GROUP</b>	III	III	III
<b>ENVIRONMENTAL HAZARDS</b>			
<b>IMDG</b>	Marine Pollutant: No		
<b>SPECIAL PRECAUTIONS FOR USER</b>			
	No further information		

### 15. Regulatory Information

<b>REGULATORY OVERVIEW</b>	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
<b>TOXIC SUBSTANCE CONTROL ACT (TSCA)</b>	All components of this material are either listed or exempt from listing on the TSCA Inventory.
<b>WHMIS CLASSIFICATION</b>	B3
<b>NFPA/HMIS RANKINGS</b>	

**US EPA TIER II HAZARDS**

**Fire:** Yes

**Sudden Release of Pressure:** No

**Reactive:** No

**Immediate (Acute):** Yes

**Delayed (Chronic):** No



## Safety Data Sheet

### Cable Clear®

#### EPCRA 311/312 Chemicals And Rqs:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### EPCRA 302 EXTREMELY HAZARDOUS:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### EPCRA 313 TOXIC CHEMICALS:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### PROPOSITION 65 - CARCINOGENS (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### PROPOSITION 65 - DEVELOPMENTAL TOXINS (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### PROPOSITION 65 - FEMALE REPRO TOXINS (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### PROPOSITION 65 - MALE REPRO TOXINS (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### NEW JERSEY RTK SUBSTANCES (>1%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### PENNSYLVANIA RTK SUBSTANCES (>1%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

## 16. Other Information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapor.

H304 May be fatal if swallowed and enters airways.

The information contained in the above SDS is intended for the exclusive use of BioChem Systems, Inc. The above data have been compiled primarily from the SDS supplied to BioChem Systems, Inc. by the manufacturer and/or supplier. While the information is believed to be pertinent and current, no warranty expressed or implied is given as to its accuracy. This SDS is to be used as a guideline for safe work practices and emergency response. Any questions regarding the safe use of this material not outlined above should be directed to the BioChem Systems, Inc. Technical Services Department.

**This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.**

End of Document