

SDS# CBC II  
Date: June 2015

Total Pages: 6

# CBC II

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: CBC II Circuit Board and Contact Cleaner  
Catalog Number: CBC II  
Manufactured by: DiversiTech Corporation  
6650 Sugarloaf Parkway  
Duluth, GA, 30097  
Information Phone No.: 1+678.542.3600  
EMERGENCY Phone No.: 1 800.255.3924 Chem-Tel (Chemical Emergencies)  
SDS DATE REVISED: 06/09/2015

## SECTION 2. HAZARDOUS IDENTIFICATION

### GHS Classification:

Gas Under Pressure, dissolved  
Skin Irritation Category 2  
Eye Irritation Category 2A  
Specific Target Organ Toxicity- Single Exposure Category 3  
Specific Target Organ Toxicity- Repeated Exposure Category 2

### Label Elements:



Signal Word: Danger!

### Hazard Statement(s)

Contains gas under pressure; may explode if heated.  
Causes skin irritation.  
Causes serious eye irritation.  
May damage fertility or the unborn child.  
May cause respiratory irritation, drowsiness, or dizziness.  
May cause damage to the organs in the central nervous system and the liver through prolonged or repeated exposure.

### Precautionary Statement(s)

Prevention	
Response	If exposed or concerned: Get medical advice/attention. Get medical advice/attention if you feel unwell. If on skin: Wash with plenty of water. Specific treatment in FIRST AID section on this label. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.
Storage	Store locked up. Store in a well-ventilated place. Protect from sunlight.
Disposal	Dispose of container to recyclables when completely emptied.

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## SECTION 2. HAZARDOUS INGREDIENTS INFORMATION (cont.)

NFPA & HMIS III Ratings:  
NFPA

Health: 3  
Flammability: 4  
Reactivity: 0



HMIS III®

Health	3
Flamability	1
Physical Hazard	2
Personal Protection	

## SECTION 3. HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS No.	% or Range	Specific Hazards
1-bromopropane	106-94-5	44%	
1,1,1,2-Tetrafluoroethane	881-97-2	56%	

### Trade Secret Claim

When applicable, the specific concentration of each hazardous ingredient is considered a TRADE SECRET. Chemical names and identifiers are released to ensure that each user has entitlements of "right to know" and concentration ranges are selected to ensure that the appropriate hazard classification applies to the mixture. Ingredients not subject to Trade Secret claims are listed at an exact concentration. For more information please contact the responsible party as listed in Section 1.

### Notes

This product may contain other ingredients that are not required to be disclosed on the label or safety data sheet. Any ingredient that is not listed on either the SDS or label is not considered hazardous and poses no risk to the user.

## SECTION 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

Have SDS or product label if medical advice is needed. Seek a medical professional or doctor if you feel unwell or if any irritation persists. Specific hazard information can be found in Section 2 of this SDS.

**Inhalation:** Move to fresh air. Administer oxygen if breathing is difficult. If breathing has stopped give artificial respiration and seek medical attention immediately.

**Ingestion:** Do not induce vomiting unless instructed to do so by a medical professional. Never give anything by mouth to an unconscious person.

**Skin Contact:** Wash with soap and water. Take off any contaminated clothing and launder before reuse.

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing for at least 10 minutes or until satisfied.

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### SECTION 4. FIRST AID MEASURES (cont.)

#### 4.2. Signs and Symptoms of Exposure:

**Inhalation:** Excessive inhalation may cause respiratory irritation, dizziness, drowsiness, fatigue, nausea, headache, possible unconsciousness, shortness of breath, or vertigo.

**Ingestion:** May cause intestinal irritation, nausea, diarrhea, or vomiting. Aspiration may be fatal in some situations.

**Skin Contact:** Product may dry and crack skin. If irritation/corrosion occurs skin will turn red and will feel itchy or uncomfortable.

**Eye Contact:** Eye sight may become blurry on contact. Redness, irritation, and tearing may also be associated with exposure.

### SECTION 5. FIREFIGHTING MEASURES

#### Suitable and Unsuitable Extinguishing Media:

Dry chemical, sand, or carbon dioxide after spray has stopped. If extinguishing methods are unavailable cool the container with water if exposed to heat or flame. Remove the container from fire area if it can be done without further risk.

#### Special Equipment and Precautions for Fire-Fighters:

No suggested equipment is available for recommendation. Contents may be heavier than air if released. Containers may explode and rapidly release pressure resulting in the potential for additional hazards.

#### Fire Hazard:

Product concentrate is considered flammable and will act as a fuel to fire even if Section 2 does not explicitly state that the product is flammable.

#### Explosion/Combustion Hazard:

Contents under pressure. May explode if exposed to heat greater than 122°F or 50°C

### SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:** Remove or eliminate all sources of ignition. Establish ventilation to keep atmospheric concentrations below limits. Avoid breathing vapors. Wear protective equipment. Remove and keep all unprotected persons away from area. See section 8 for appropriate personal protection gear for safe handling in case of accidental release or spillage.

**Methods and Material for Containment and Clean-Up:** Absorb into clay-like absorbent material: Do not release into sewage or waterways. Contact a professional waste removal company to dispose of chemical in accordance with state, local, and federal regulations.

### SECTION 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Wear protective equipment. Follow specific instructions found on label and in Section 2 of this SDS. Proper protective equipment information can be found in Section 8 of this SDS.

**Conditions for Safe Storage, Including any Incompatibilities:** Store locked up in a well-ventilated area. Protect container from sunlight. **Never** store in a vehicle. Do not expose to temperatures above 122°F or 50°C. Keep away from heat and other sources of ignition. Keep away from oxidizing agents and watery environments. Store upright without excessive load on top. Contents are under pressure; may explode if heated.

### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Airborne Exposure Limits:

INGREDIENT	CAS No.	PEL:	ACGIH:	NIOSH:
1-bromopropane	106-94-5	N/A	10 ppm	N/A

**Appropriate Engineering Controls:** Good mechanical ventilation may be adequate for maintain airborne concentrations below established exposure limits for large uncontrolled releases. If exposure limits are exceeded and inhaled: use a NOISH approved respirator.

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### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION (cont.)

**Skin Protection:** Handle material with gloves and protective clothing. Inspect gloves prior to use. Use proper glove removal techniques so that no skin comes into contact with the outside of the glove. Gloves must be chemically resistant (such as rubber).

**Eye Protection:** Use NIOSH/OSHA or EN 166 approved eye protection.



**Work Hygienic Practices:** Practice good industrial hygiene. Wash hands before breaks and at the end of the workday. Keep product away from foodstuffs, beverages, and feed. Wash and launder all contaminated clothing before reuse.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear liquid

**Odor:** Not available

**Odor Threshold:** Not available

**pH @ 1%:** Not available

**Melting Point (Pour Point):** Not available

**Boiling Point:** Not available

**Flash Point:** Not available

**Evaporation Rate (Water = 1):** Not available

**Flammable Limits:** Not available

**Flame extension distance:** 0 cm

**Vapor pressure (mm Hg):** Not available

**Vapor Density (Air = 1):** Not available

**Relative density:** Not available

**Partition Coefficient:** Not available

**Solubility in water:** Not available

**Viscosity:** Not available

**Autoignition Temperature:** Not available

**Decomposition Temperature:** Not available

**VOC Percentage/ g/L:** <44%

### SECTION 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable under ordinary conditions.

**Reactivity:** Not determined or not applicable.

**Possibility of Hazardous Reactions:** Can not occur.

**Conditions to Avoid:** Heat, sparks, open flames, ignition sources, sunlight, and watery or moist environments.

**Incompatible Materials:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Not determined or not applicable.

### SECTION 11. TOXICOLOGICAL INFORMATION

**Likely routes of exposure:** Toxicological exposure may occur via inhalation, ingestion, oral contact, and dermal contact based on the area exposed during use. Symptoms are more likely to increase the longer the exposure to the chemical.

**Symptoms related to the physical, chemical, and toxicological characteristics:**

1-bromopropane (CAS: 106-94-5): Eye, nose, throat, skin irritation; headache; nausea; feeling drunk, ataxia; blurred vision; decreased vibration sensitivity or numbness of the feet; sleep disturbances; diarrhea, incontinence; cramping or weakness in lower extremities, difficulty walking (spastic paraparesis); fatigue, nervousness, dizziness, lightheadedness, unconsciousness.

**Delayed, chronic, and immediate effects of short- and long-term exposure:** Not determined or not applicable.

**Numerical Measures of Toxicity:**

1-bromopropane (CAS: 106-94-5) LC50 Inhalation - 253,000 mg/m<sup>3</sup> 30h

**Hazardous chemicals listings:**

National Toxicology Program Report : No ingredients are listed

International Agency for Research on Cancer : No ingredients are listed

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## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Product is not considered an environmental hazard. Avoid release of mixture in sewage or waterways.

**Persistence and Degradability:** Not determined or not applicable.

**Bioaccumulative Potential:** Not determined or not applicable.

**Mobility in Soil:** Not determined or not applicable.

**Other Adverse Effects:** Not determined or not applicable.

## SECTION 13. DISPOSAL CONSIDERATIONS

Container may be recycled. Before recycling: ensure container is completely emptied by pressing, and holding, the nozzle button until all the contents of the container are released. Continue to hold button down until any remaining gas has escaped the container. Never open an aerosol container. Contact your local waste removal company before recycling to ensure compliance with local regulations.

**Other Information:** Consult with a licensed waste removal company for proper disposal considerations. Dispose of product in accordance to local, state, and federal regulations.

## SECTION 14. TRANSPORTATION INFORMATION

**UN Number:** 1950

**UN Proper Shipping Name:** Aerosol

**IMO Packing group:** 3

**Transport Hazard Class(s):** 2.2

**Proper Shipping Name:** Non-Flammable Gas

**DOT Classification:** ORM-D (Until 2020) or Limited Quantity

**Flammability group:** Level 3 Aerosol



**Environmental Hazards:** Is not hazardous to aquatic environments

**International bulk chemical code:** Not determined

**Special precautions:** Ship container upright without excessive load on top

## SECTION 15. REGULATORY INFORMATION

**SARA 302 components**

No ingredients are subject to reporting

**SARA 313 components**

No ingredients are subject to reporting

**Massachusetts Right to Know**

1-bromopropane (CAS: 106-94-5)

**New Jersey Right to Know**

1-bromopropane (CAS: 106-94-5)

1,1,1,2-Tetrafluoroethane (CAS: 881-97-2)

**Pennsylvania Right to Know**

1-bromopropane (CAS: 106-94-5)

1,1,1,2-Tetrafluoroethane (CAS: 881-97-2)

**California Prop 65 components**

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

**California ARB classification**

Electrical Cleaner

**Safety Data Sheet**

OSHA, 29 CFR 1910.1200 of the United States Code.

**Product and Product Label**

OSHA, 29 CFR 1910.1200 of the United States Code.

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### SECTION 15. REGULATORY INFORMATION (cont.)

Note: The product label and its wording and symbols may differ from the hazard categories, statements, and wording that are presented in this SDS. This might occur if the product is not subject to OSHA labeling requirements or if the product is regulated by a different government agency (such as the Consumer Product Safety Commission, Food and Drug Administration, or the Environmental Protection Agency). The label may also indicate additional hazards or precautions that are not listed on this safety data sheet—this is done at the discretion of the responsible party and only serves to ensure that the user's safety is prioritized above government regulation.

### SECTION 16. OTHER INFORMATION:

This SDS was completed using the most up-to-date information available at the time of its completion using a variety of credited information sources and scientific databases on chemical hazards—however, no representation, warranty, or guarantee is made to the SDS's accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself/herself as to the suitability and completeness of such information for his or her particular use. We do not accept any liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement. The SDS does not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship: explicit or implied. The product associated with this SDS has undergone limited testing and all hazards, besides flammability testing, are assumed from the individual ingredients in the mixture, diluted for potency. For a list of hazardous ingredients please refer to Section 3 of this SDS. It is the SDS's objective to provide as much information on the mixture as possible so that users can become more educated to the specific hazards associated with the product's use; however, this does not imply that the SDS is finalized as to its hazard classifications—as such, it is imperative that users ensure that this SDS is updated when a new version becomes available. For more information please contact the responsible party which can be found in Section 1 of this SDS.

**Revision Summary:** All Sections: New GHS Format

*This information is, to the best of our knowledge and belief, accurate and reliable as of the date completed. However no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the completeness and suitability of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information, nor do we offer any warranty against patent infringement.*