



## SAFETY DATA SHEET

Part No. P7668CT (Liquid)

HBCC Hoppes Black Copper Eliminator - 4 oz.

### SECTION 1 - IDENTIFICATION

#### 1.1 Product Identifier

Product Name : HBCC Hoppes Black Copper Eliminator - 4 oz.  
Manufacturer Product Number : P7668CT  
Supplier Product Numbers : HBCC

#### 1.2 Other Means of Identification

Other Identifiers : Not Available

#### 1.3 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended Use : Gun Bore Cleaner  
Restrictions on Use : None Identified

#### 1.4 Supplier Details

|                | Manufacturer Details | Supplier Details       |
|----------------|----------------------|------------------------|
| Company Name : |                      | Bushnell Holdings Inc. |

#### 1.5 24 hr Emergency Phone Number

Emergency Number : Emergency Telephone Number (Hazardous Material/Dangerous Goods Transportation Emergency ONLY)

### SECTION 2 - HAZARDS IDENTIFICATION

#### 2.1 Classification of the Substance or Mixture

|                                  |      |                       |  |
|----------------------------------|------|-----------------------|--|
| Flam. Liq. 4                     | H227 | Physical Hazards      | Flammable liquids Category 4                                   |
| Acute Tox. 4 (Oral)              | H302 | Health Hazards        | Acute toxicity (oral) Category 4                               |
| Acute Tox. 4 (Dermal)            | H312 | Health Hazards        | Acute toxicity (dermal) Category 4                             |
| Acute Tox. 4 (Inhalation:Vapour) | H332 | Health Hazards        | Acute toxicity (inhalation:vapour) Category 4                  |
| Skin Corr. 1a                    | H314 | Health Hazards        | Skin corrosion/irritation Category 1A                          |
| Eye Dam. 1                       | H318 | Health Hazards        | Serious eye damage/eye irritation Category 1                   |
| Aquatic Acute 3                  | H402 | Environmental Hazards | Hazardous to the aquatic environment - Acute Hazard Category 3 |

#### 2.2 Label Elements

##### Hazard Pictograms



GHS05



GHS07

##### Signal Word

**Danger**

##### Hazard Statements

H227 : Combustible liquid  
H302+H312+H332 : Harmful if swallowed, in contact with skin or if inhaled  
H314 : Causes severe skin burns and eye damage  
H318 : Causes serious eye damage  
H402 : Harmful to aquatic life

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|                                 |  |   |
|---------------------------------|--|---|
| <b>Precautionary Statements</b> | P210   | : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.                                  |
|                                 | P260   | : Do not breathe fumes or spray.  |
|                                 | P264   | : Wash hands thoroughly after handling.   |
|                                 | P270   | : Do not eat, drink or smoke when using this product.   |
|                                 | P271   | : Use only outdoors or in a well-ventilated area.   |
|                                 | P273   | : Avoid release to the environment.   |
|                                 | P280   | : Wear protective gloves and eye protection.  |
|                                 | P301+P312  | : If swallowed: Call physician if you feel unwell   |
|                                 | P301+P330+P331                                       | : If swallowed: rinse mouth. Do NOT induce vomiting   |
|                                 | P303+P361+P353                                       | : If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower                              |
|                                 | P304+P340  | : If inhaled: Remove person to fresh air and keep comfortable for breathing   |
|                                 | P305+P351+P338                                       | : If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing |
|                                 | P310   | : Immediately call physician  |
|                                 | P312   | : Call physician if you feel unwell   |
|                                 | P362+P364  | : Take off contaminated clothing and wash it before reuse.  |
|                                 | P370+P378  | : In case of fire: Use water, CO <sub>2</sub> , dry chemical, or universal aqueous film forming foam to extinguish.               |
|                                 | P403+P235  | : Store in a well-ventilated place. Keep cool.  |
| P405                            | : Store locked up.                                   |   |
| P501                            | : Dispose of contents/container to local regulations |   |

**2.3 Other Hazards Which Do Not Result In Classification**

Hazards Not Otherwise Classified : None Identified.

**2.4 Unknown acute toxicity**

This product does not have any ingredients with an unknown acute toxicity.

85.5% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)

85.5% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)

95% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Vapours))

**SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Substance / Mixture**

Substance / Mixture : Mixture

**3.2 Composition**

| Substance name   | CAS Number | % wt*  | Classification   |
|------------------|------------|--------|--|
| 2-Butoxyethanol  | 111-76-2   | 5 - 10 | Flam. Liq. 4, H227<br>Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Inhalation:vapour), H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319                                    |
| Monoethanolamine | 141-43-5   | 5 - 10 | Flam. Liq. 4, H227<br>Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Inhalation), H332<br>Skin Corr. 1A, H314<br>Eye Dam. 1, H318<br>STOT SE 3, H335<br>Aquatic Acute 2, H401 |

Full text of hazard classes and H-statements : see section 16

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

**SECTION 4 - FIRST-AID MEASURES**

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## HBCC Hoppes Black Copper Eliminator - 4 oz.

### 4.1 Description of First-Aid Measures

|                                |  |
|--------------------------------|--|
| General Measures               | : Call a physician immediately.  |
| Inhalation                     | : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.                                |
| Skin Contact                   | : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Call a physician immediately.                                 |
| Eye Contact                    | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately. |
| Ingestion                      | : Rinse mouth. Do NOT induce vomiting. Call a physician immediately.   |
| First-Aid Responder Protection | : Wear adequate personal protective equipment based on the nature and severity of the emergency.   |

### 4.2 Most Important Symptoms and Effects, Both Acute and Delayed

|                      |   |
|----------------------|---|
| Symptoms of Exposure | : Eye Damage, Skin Burns, Respiratory Irritation, Drowsiness. |
| Delayed Effects      | : No known delayed effects.                                   |
| Immediate Effects    | : No known immediate effects.                                 |
| Chronic Effects      | : No known chronic effects.                                   |
| Target Organs        | : Central Nervous System, Eyes, Respiratory System, Skin.     |

### 4.3 Indication of Immediate Medical Attention and Special Treatment

|                               |   |
|-------------------------------|---|
| Notes to Physician            | : Treat symptomatically.  |
| Specific Treatments/Antidotes | : No Information Available.   |
| Medical Conditions Aggravated | : May aggravate personnel with pre-existing disorders associated with any of the Target Organs. |

## SECTION 5 - FIRE-FIGHTING MEASURES

### 5.1 Suitable Extinguishing Media

|                     |   |
|---------------------|---|
| Extinguishing Media | : Water, carbon dioxide, dry chemical, universal aqueous film forming foam. |
| Unsuitable Media    | : Water jet.  |

### 5.2 Specific Hazards Arising from the Chemical or Mixture

|                                      |  |
|--------------------------------------|--|
| Hazardous Combustion Products        | : Decomposition products may include: oxides of carbon, smoke, vapors. See also Section 10.6.  |
| Specific Hazards During Firefighting | : In a fire or if heated, a pressure increase will occur which may result in container bursting. Vapors heavier than air may spread along the ground and travel to an ignition source. |

### 5.3 Special Protective Actions for Fire-Fighters

|                                |  |
|--------------------------------|--|
| Firefighting Instructions      | : Use water spray to cool fire exposed containers, as contents can rupture violently from heat developed pressure. |
| Protection during Firefighting | : Firemen should wear self-contained breathing apparatus with full face-piece operated in positive pressure mode.  |

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures

|                             |  |
|-----------------------------|--|
| For Non-Emergency Personnel | : No action should be taken involving any personnel without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spill. Remove ignition sources and provide adequate ventilation only if it is safe to do so. |
| For Emergency Personnel     | : Use personal protection as recommended in Section 8. Observe precautions provided for non-emergency personnel above.   |

### 6.2 Environmental Precautions

|                           |   |
|---------------------------|---|
| Environmental Precautions | : Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination. |
|---------------------------|---|

### 6.3 Methods and Materials for Containment and Cleaning up

|                        |  |
|------------------------|--|
| Containment Procedures | : Released content may be contained with oil/solvent absorbent pads, booms, and/or absorbents. |
|------------------------|--|

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- Cleanup Procedures** : Remove sources of ignition and use non-sparking equipment. Soak up material with inert absorbent and place in safety containers for proper disposal.
- Other Information** : The North American Emergency Response Guidebook or similar resources providing emergency response information for dealing with accidents, spills, leaks, and/or fires involving dangerous goods.
- Prohibited Materials** : Combustible absorbent material such as sawdust. Use of equipment that may cause sparking.

## SECTION 7 - HANDLING AND STORAGE

### 7.1 Precautions for Safe Handling

- General Handling Precautions** : KEEP OUT OF THE REACH OF CHILDREN. When using in spray application, conformance to NFPA 33 Spray Application using Flammable and Combustible Materials is recommended.
- Hygiene Recommendations** : Do not eat, drink or smoke when using this product. Wash hands thoroughly after use. Remove contaminated clothing and protective equipment before entering eating or smoking areas.

### 7.2 Conditions for Safe Storage Including Any Incompatibilities

- Storage Requirements** : Storage of flammable materials should conform to NFPA 30 Flammable and Combustible Liquid. Keep containers tightly closed and stored in a well-ventilated place. Keep away from sources of ignition. . Keep containers closed when not in use. Do not store in open or unlabelled containers. Storage of individual cans should be done in an area below 55°C (120 °F), and away from heat sources.
- Incompatibilities** : Segregate storage away from materials indicated in Section 10.

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control Parameters

#### 2-Butoxyethanol (111-76-2)

|                           |  |                       |
|---------------------------|--|-----------------------|
| ACGIH                     | ACGIH TWA (mg/m <sup>3</sup> )                 | 20 ppm                |
| OSHA                      | OSHA PEL (TWA) (mg/m <sup>3</sup> )            | 240 mg/m <sup>3</sup> |
| OSHA                      | OSHA PEL (TWA) (ppm)                           | 50 ppm                |
| NIOSH                     | US IDLH (ppm)                                  | 700 ppm               |
| NIOSH                     | NIOSH REL (TWA) (ppm)                          | 5 ppm                 |
| California                | California PEL (TWA) (mg/m <sup>3</sup> )      | 97 mg/m <sup>3</sup>  |
| California                | California PEL (TWA) (ppm)                     | 20 ppm                |
| Biological Exposure Index | Butoxyacetic Acid (BAA) in Urine, End of shift | 200 mg/g creatinine   |

#### Monoethanolamine (141-43-5)

|            |  |                      |
|------------|--|----------------------|
| ACGIH      | ACGIH TWA (mg/m <sup>3</sup> )             | 3 ppm                |
| ACGIH      | ACGIH Ceiling (mg/m <sup>3</sup> )         | 6 ppm                |
| OSHA       | OSHA PEL (TWA) (mg/m <sup>3</sup> )        | 6 mg/m <sup>3</sup>  |
| OSHA       | OSHA PEL (TWA) (ppm)                       | 3 ppm                |
| NIOSH      | US IDLH (ppm)                              | 30 ppm               |
| NIOSH      | NIOSH REL (TWA) (ppm)                      | 3 ppm                |
| NIOSH      | NIOSH REL (STEL) (ppm)                     | 6 ppm                |
| California | California PEL (TWA) (mg/m <sup>3</sup> )  | 8 mg/m <sup>3</sup>  |
| California | California PEL (TWA) (ppm)                 | 3 ppm                |
| California | California PEL (STEL) (mg/m <sup>3</sup> ) | 15 mg/m <sup>3</sup> |
| California | California PEL (STEL) (ppm)                | 6 ppm                |

### 8.2 Exposure Controls

- Engineering Measures** : Use only with adequate ventilation. General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be necessary to control air contamination below that of the lowest OEL from the table above.
- Personal Protective Equipment**
- Eye / Face Protection** : Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact with this material could occur, chemical splash proof goggles are recommended.
- Hand Protection** : Chemical-resistant gloves, tested according to ASTM F903-17.
- Remarks** : Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to the place of work.

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|  |  |
|--|--|
| <b>Skin and Body Protection</b>        | : For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing impervious to the ingredients listed in Section 2. |
| <b>Respiratory Protection</b>          | : An approved respirator with an organic vapor cartridge may be permissible under certain circumstances where airborne concentrations are expected to exceed occupational exposure limits.                               |
| <b>Compliance</b>                      | : If needed, compliance with OSHA standard 29 CFR 1910.134 is necessary.   |
| <b>Other Protective Equipment</b>      | : Safety showers and eye-wash stations should be available in the workplace near where the material will be used.  |
| <b>Environmental Exposure Controls</b> | : Avoid release to the environment.  |

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

| 9.1 Physical Properties |                            |                                  |                         |
|-------------------------|----------------------------|----------------------------------|-------------------------|
| Boiling Point           | 171.00 °C                  | Melting / Freezing Point         | > -75.00 °C             |
| Flash Point, Liquid     | > 65.00 °C                 |                                  |                         |
| Explosive Limits        | LEL: 1.10 UEL: 23.50 vol % | Autoignition Temperature, Liquid | > 230.00 °C             |
| Flammability            | Non-Flammable Liquid       | Density                          | 1.019 g/cm <sup>3</sup> |
| Molecular Weight        | Not Available              | Weight                           | 8.504 lbs/gal           |
| Vapor Pressure          | Not Available              | pH                               | Not Available           |
| Vapor Density           | Not Available              | Evaporation Rate (nBac=1)        | Not Available           |
| Viscosity               | Not Available              | Partition Coefficient (Log Pow)  | Not Available           |
| Odor Threshold          | Not Available              | Refractive Index                 | Not Available           |
| Physical State          | Liquid                     | Heat Of Combustion               | Not Available           |
| Appearance / Color      | Amber                      | Water Solubility                 | Not Available           |
| Odor                    | Sweet                      | Decomposition Temperature        | Not Available           |

| 9.2 Environmental Properties |            |                                |                           |
|------------------------------|------------|--------------------------------|---------------------------|
| Percent Volatile             | 14.50 % wt | VOC Regulatory                 | 147.83 g/L (1.23 lbs/gal) |
| Percent VOC                  | 14.50 % wt | VOC Actual                     | 147.76 g/L (1.23 lbs/gal) |
| Percent HAP                  | 0.00 % wt  | HAP Content                    | 0.00 g/L (0.00 lbs/gal)   |
| Global Warming Potential     | 0.00 GWP   | Maximum Incremental Reactivity | 0.6150 g O3/g             |
| Ozone Depletion Potential    | 0.00 ODP   |                                |                           |

## SECTION 10 - STABILITY AND REACTIVITY

### 10.1 Reactivity

**Reactivity** : No specific test data related to reactivity is available for this products or its ingredients.

### 10.2 Chemical Stability

**Chemical Stability** : This product is stable.

### 10.3 Possibility of Hazardous Reactions

**Hazardous Reactions** : Under normal conditions of storage and use, hazardous reactions are not expected to occur.

### 10.4 Conditions to Avoid

**Conditions to Avoid** : Moisture.

### 10.5 Incompatible Materials

**Materials to Avoid** : Strong Oxidizing Agents, Strong Acids, Bases, Nitrating Agents, Cellulose Nitrate, Alkylhalides.

### 10.6 Hazardous Decomposition Products

**Thermal Decomposition** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11 - TOXICOLOGICAL INFORMATION

## SAFETY DATA SHEET

## HBCC Hoppes Black Copper Eliminator - 4 oz.

## 11.1 Information on Toxicological Effects

**2-Butoxyethanol (CAS: 111-76-2 / EC: 203-905-0)**

|                      |                            |
|----------------------|----------------------------|
| LD50 Oral (Rat)      | 917 mg/kg (RTECS)          |
| LD50 Dermal (Rabbit) | 1060 mg/kg (Sigma-Aldrich) |

**Monoethanolamine (CAS: 141-43-5 / EC: 205-483-3)**

|                       |                           |
|-----------------------|---------------------------|
| LD50 Oral (Rat)       | 1970 mg/kg (ChemInfo)     |
| LD50 Dermal (Rabbit)  | 1000 mg/kg (ChemInfo)     |
| LC50 Inhalation (Rat) | > 1210 mg/l/4h (ChemInfo) |

**Routes Of Exposure** : Eye Contact, Ingestion, Skin Contact, Inhalation, Skin Absorption.

**Delayed and Immediate Effects and Also Chronic Effects from Short and Long Term Exposure** : See Section 4.2

**Skin Corrosion/Irritation** : Causes severe skin burns and eye damage.

**Eye Damage/Irritation** : Causes serious eye damage.

**Respiratory or Skin Sensitization** : Not classified

**Germ Cell Mutagenicity** : Not classified

**Reproductive Toxicity** : Not classified

**STOT-Single Exposure** : Not classified

**STOT-Repeated Exposure** : Not classified

**Aspiration Hazard** : Not classified

**Carcinogen Data** : The following ingredients are listed as known or suspected carcinogens:

**2-Butoxyethanol (CAS: 111-76-2 / EC: 203-905-0)**

|                |   |
|----------------|---|
| ACGIH Category | A3 - Confirmed animal carcinogen with unknown relevance to humans |
|----------------|---|

## SECTION 12 - ECOLOGICAL INFORMATION

## 12.1 Ecotoxicity and Ecological Properties

**2-Butoxyethanol (111-76-2)**

|                               |  |
|-------------------------------|--|
| LC50 Fish                     | 1490 mg/l Bluegill Sunfish - 96h                 |
| LC50 Fish                     | 1474 mg/l Rainbow Trout - 96hr                   |
| EC50 Daphnia                  | 1698 - 1940 mg/l Water Flea - 24hr               |
| EC50 Other Aquatic Organisms  | 1840 mg/l Green Algae - 72hr                     |
| Persistence and Degradability | Biodegradability 90% / 28 days.                  |
| Biochemical Oxygen Demand     | 0.71 g O <sub>2</sub> /g substance               |
| Chemical Oxygen Demand        | 2.2 g O <sub>2</sub> /g substance                |
| Theoretical Oxygen Demand     | 2.305 g O <sub>2</sub> /g substance              |
| Log Pow                       | 0.81 (Experimental value; BASF test; 25 °C)      |
| Bioaccumulative Potential     | Low potential for bioaccumulation (Log Kow < 4). |

**Monoethanolamine (141-43-5)**

|                               |                                  |
|-------------------------------|----------------------------------|
| LC50 Fish                     | > 200 mg/l Rainbow Trout - 96hr  |
| EC50 Daphnia                  | 65 mg/l Water Flea - 48hr        |
| EC50 Other Aquatic Organisms  | 2.8 mg/l Green Algae - 72hr      |
| EC50 Other Aquatic Organisms  | 110 mg/l Bacteria - 17hr         |
| Persistence and Degradability | Biodegradability 90% / 28 days.  |
| Biochemical Oxygen Demand     | 800 mg/g                         |
| Theoretical Oxygen Demand     | 1310 mg/g                        |
| Log Pow                       | -1.31                            |
| Bioaccumulative Potential     | Bioaccumulation: not applicable. |

## SECTION 13 - DISPOSAL CONSIDERATIONS

## 13.1 Waste Treatment Methods

**Waste Disposal** : Product is suitable for burning in an enclosed, controlled burner for fuel value. Hazard characteristics and regulatory waste stream classification can change with product use and location. Accordingly, it is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal

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|                             |  |
|-----------------------------|--|
| Waste Disposal Of Packaging | : methodologies for spent materials and residues at the time of disposition. All waste material must be disposed of in compliance with the respective national, federal, state, and/or local regulations.  |
| Landfill Precautions        | : Consult with your local landfill to determine if empty small containers can be disposed of along with regular trash pickup. For disposal of large containers (typically 10 gallons or larger), or for containers not suitable for landfill, a licensed reconditioner should be used. |
| Incineration Precautions    | : Not Available.   |

## SECTION 14 - TRANSPORTATION INFORMATION

| 14.1 UN Number                  | DOT (USA)   | IATA (AIR)  | IMDG (OCEAN)  |
|---------------------------------|---|---|---|
| UN Number                       | : UN1760  | UN1760  | UN1760  |
| 14.2 UN Proper Shipping Name    | DOT (USA)   | IATA (AIR)  | IMDG (OCEAN)  |
| UN Proper Shipping Name         | : Corrosive Liquid, NOS (Contains Monoethanolamine), Limited Quantity | Corrosive Liquid, NOS (Contains Monoethanolamine), Limited Quantity | Corrosive Liquid, NOS (Contains Monoethanolamine), Limited Quantity |
| 14.3 Transport Hazard Class(es) | DOT (USA)   | IATA (AIR)  | IMDG (OCEAN)  |
| Transport Hazard Class(es)      | : 8   | 8   | 8   |
| Labels                          | : None  | 8 - Corrosive   | None  |
| Limited Quantity                | : Yes   | Yes   | Yes   |
| EmS Code                        | : Not Applicable  | Not Applicable  | F-A, S-B  |
| 14.4 Packing Group              | DOT (USA)   | IATA (AIR)  | IMDG (OCEAN)  |
| Packing Group                   | : III   | III   | III   |
| 14.5 Environmental Hazards      | DOT (USA)   | IATA (AIR)  | IMDG (OCEAN)  |
| Marine Pollutant                | : No  | No  | No  |
| 14.6 Special Precautions        | Precautions : None Identified   |   |   |
| 14.7 Transport in Bulk          | Remarks : Not applicable for product as supplied                      |   |   |

## SECTION 15 - REGULATORY INFORMATION

| 15.1 Federal Regulations   |   |
|----------------------------|---|
| SARA Section 313           | : This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372. |
| TSCA Section 12(b)         | : This product or mixture is not known to contain a chemical or chemicals subject to the export notification requirements of section 12(b) of the Toxic Substances Control Act (TSCA) and 40 CFR Part 707, subpart D  |
| CERCLA Reportable Quantity | : This product or mixture is not known to contain a chemical or chemicals subject to the release reporting requirements of section 102 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)  |

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TSCA Inventory (United States) : All chemical substances in this product are listed on the Toxic Substances Control (TSCA) Inventory or are in compliance with a TSCA Inventory exemption.

## 15.2 State Regulations

California Proposition 65 : This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

State Right-to-Know Lists : The following chemical(s) appear on one or more state RTK (Right to Know) lists as indicated

|                             |   |
|-----------------------------|---|
| 2-Butoxyethanol (111-76-2)  | U.S. - New Jersey - Right to Know Hazardous Substance List<br>U.S. - Pennsylvania - RTK (Right to Know) List<br>U.S. - Massachusetts - Right To Know List |
| Monoethanolamine (141-43-5) | U.S. - New Jersey - Right to Know Hazardous Substance List  |

## SECTION 16 - OTHER INFORMATION

Indication of changes :

| Section | Changed item   | Change   |
|---------|--|----------|
| 1       | Supersedes   | Added    |
| 1       | SDS US Regulation reference                          | Added    |
| 1       | Revision date  | Modified |
| 1       | Date of issue  | Modified |
| 1       | Other means of identification                        | Added    |
| 2.1     | GHS-US classification                                | Added    |
| 2.1     | ATE US (vapors)                                      | Added    |
| 2.1     | ATE US (dermal)                                      | Added    |
| 2.1     | ATE US (oral)  | Added    |
| 2.2     | Precautionary statements (GHS US)                    | Added    |
| 2.2     | Hazard pictograms (GHS US)                           | Added    |
| 2.2     | Hazard statements (GHS US)                           | Added    |
| 2.3     | Other hazards not contributing to the classification | Added    |
| 4       | Symptoms/effects after inhalation                    | Added    |
| 4       | Other medical advice or treatment                    | Added    |
| 4       | Symptoms/effects after skin contact                  | Added    |
| 4       | Symptoms/effects after ingestion                     | Added    |
| 4       | Symptoms/effects after eye contact                   | Added    |
| 4.1     | First-aid measures after inhalation                  | Added    |
| 4.1     | First-aid measures general                           | Added    |
| 4.1     | First-aid measures after skin contact                | Added    |
| 4.1     | First-aid measures after ingestion                   | Added    |
| 4.1     | First-aid measures after eye contact                 | Added    |
| 8.2     | Compliance   | Added    |
| 8.2     | Remarks  | Added    |
| 8.2     | Hand Protection                                      | Added    |
| 8.2     | Environmental Exposure Controls                      | Added    |
| 8.2     | Respiratory Protection                               | Added    |
| 8.2     | Other Protective Equipment                           | Added    |
| 8.2     | Eye / Face Protection                                | Added    |
| 8.2     | Skin and Body Protection                             | Added    |
| 8.2     | Hand protection                                      | Added    |
| 8.2     | Appropriate engineering controls                     | Added    |
| 9       | Relative vapor density at 20 °C                      | Added    |
| 9       | Melting point  | Added    |
| 9       | Explosive limits (vol %)                             | Added    |
| 9       | Boiling point  | Added    |
| 9       | Auto-ignition temperature                            | Added    |
| 9       | Flash point  | Added    |
| 9       | Specific gravity / density                           | Added    |
| 10      | Possibility of hazardous reactions                   | Added    |
| 10      | Reactivity   | Added    |
| 10      | Chemical stability                                   | Added    |
| 10      | Hazardous decomposition products                     | Added    |
| 10      | Conditions to avoid                                  | Added    |
| 12.1    | Ecology - general                                    | Added    |
| 14      | User Precautions                                     | Added    |
| 14      | EmS Code (Column 15 in IMDG Book 2)                  | Added    |
| 15      | Display TSCA summary in 15.1                         | Added    |
| 15      | Display SARA 313 summary in 15.1                     | Added    |
| 15      | Display California Proposition 65 summary in 15.3    | Added    |

Full Text of H-Statements :

| H Code | H Phrase                                |
|--------|---|
| H227   | Combustible liquid                      |
| H302   | Harmful if swallowed                    |
| H312   | Harmful in contact with skin            |
| H314   | Causes severe skin burns and eye damage |
| H315   | Causes skin irritation                  |
| H318   | Causes serious eye damage               |
| H319   | Causes serious eye irritation           |
| H332   | Harmful if inhaled                      |



# SAFETY DATA SHEET

Part No. P7668CT (Liquid)

**HBCC Hoppes Black Copper Eliminator - 4 oz.**

|      |   |
|------|---|
| H335 | <i>May cause respiratory irritation</i> |
| H401 | <i>Toxic to aquatic life</i>            |