



# SAFETY DATA SHEET

Date Issued: 05-28-2015

Supersedes: 10-01-2012

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product Name:** Virustat TBQ™  
**Product Number:** BPR490032-A  
**Brand:** Brighton Professional™

**Recommended use:** Disinfectant cleaner  
**Uses advised against:** Uses other than those identified on the product label are not recommended.

**Supplier Name:** Staples Contract & Commercial, Inc.  
**Supplier Address:** 500 Staples Drive  
Framingham MA 01702 USA  
**Supplier Phone Number:** 1-888-322-0912  
**SDS Internet Address:** <http://sds.staples.com>

**Emergency telephone number:** 1-888-322-0912

## 2. HAZARDS IDENTIFICATION

### Classification for the Undiluted Product

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

|                                   |             |
|-----------------------------------|-------------|
| Serious eye damage/eye irritation | Category 2B |
|-----------------------------------|-------------|

### GHS Label elements, including precautionary statements

#### Emergency Overview:

No Hazard symbol required

**Signal word:** Warning

**Hazard Statements:** Causes eye irritation. Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

**Precautionary Statements – Prevention:** Wash thoroughly after handling. Avoid release to the environment.

**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.

**Precautionary Statements – Storage:** Store away from incompatible materials. Store locked up.

**Precautionary Statements – Disposal:** Dispose of contents/container in accordance with local/regional/national regulations.

**Hazards not otherwise classified (HNOC):** Not applicable

**Other information:** Harmful to aquatic life with long lasting effects.

**Interactions with Other Chemicals:** None known

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                                                   | CAS No                     | Weight-% |
|-----------------------------------------------------------------|----------------------------|----------|
| Diethylene glycol monobutyl ether                               | 112-34-5                   | 8        |
| Tetrasodium ethylenediamine tetraacetate                        | 64-02-8                    | 1.6      |
| Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride | 85409-23-0 (or 68956-79-6) | 0.105    |
| Alkyl dimethyl benzyl ammonium chloride (C12-18)                | 68391-01-5                 | 0.105    |

Balance is water and similar non-hazardous ingredients. Contains fragrance.

### 4. FIRST AID MEASURES

|                                            |                                                                                                                                                                                                                                                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General Advice:</b>                     | Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.                                                                                                                                                                 |
| <b>Eye Contact:</b>                        | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Do not rub affected area. Seek immediate medical attention/advice. |
| <b>Skin Contact:</b>                       | Wash off immediately with soap and plenty of water for at least 15 minutes. Call a physician immediately.                                                                                                                                                         |
| <b>Inhalation:</b>                         | Move to fresh air. If breathing is irregular or stopped, administer artificial respiration. Give oxygen. Call a physician immediately.                                                                                                                            |
| <b>Ingestion:</b>                          | Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.                                                                          |
| <b>Self-protection of the first aider:</b> | First aider needs to protect himself. Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wear personal protective clothing (see section 8).                                                                                |

**Most Important Symptoms and Effects:** Burning sensation.

**Notes to Physician:** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

|                                                    |                                                                          |
|----------------------------------------------------|--------------------------------------------------------------------------|
| <b>Suitable Extinguishing Media:</b>               | Water fog, foam, dry chemical powder, Carbon dioxide (CO <sub>2</sub> ). |
| <b>Unsuitable extinguishing media:</b>             | Do not use water jet as a extinguisher, as this will spread the fire.    |
| <b>Specific Hazards Arising from the Chemical:</b> | Heating or fire can release toxic gas.                                   |

#### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Cool fire-exposed containers with water spray.

### 6. ACCIDENTAL RELEASE MEASURES

|                                                 |                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal Precautions:</b>                    | Keep unnecessary personnel away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation.                                                                                                                                                                                 |
| <b>Environmental Precautions:</b>               | Avoid release to the environment. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground. Prevent further leakage or spillage if safe to do so.                                                                                                                                                                |
| <b>Methods for containment and cleaning up:</b> | Stop the flow of material, if safe to do so. Dike large spills. Absorb in vermiculite, dry sand or earth and place into containers. Wipe up small spills with absorbent material and clean surface thoroughly. Never return spills to original containers for re-use. Do not discharge effluent into sewer systems, ground or public waterways. |

### 7. HANDLING AND STORAGE

|                  |                                                                                                                                                                                                                                                                                     |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Handling:</b> | Avoid contact with skin, eyes or clothing. Avoid prolonged exposure. Provide adequate ventilation. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Handle in accordance with good industrial hygiene and safety practice. |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Storage:** Store in a dry place no lower in temperature than 50 oF or higher than 120oF. Do not contaminate water, food or feed by storage and disposal. Keep out of reach of children.

**Incompatible Products:** Strong acids. Strong bases. Strong oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

| Component/CAS#                                | Value type (form of exposure) | Control parameters / Permissible concentration | Basis |
|-----------------------------------------------|-------------------------------|------------------------------------------------|-------|
| Diethylene glycol monobutyl ether<br>112-34-5 | TWA                           | 10 ppm                                         | ACGIH |

**Engineering Measures:** General ventilation normally adequate. In case of aerosol formation use respirator with an approved filter.

**Eye / Face Protection:** Wear safety glasses with side shields (or goggles).

**Skin and Body Protection:** Wear protective gloves and protective clothing.

**Respiratory Protection:** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Wash hands after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical State

**Appearance:** Liquid  
**Color:** Blue

**Odor:** Lemon  
**Odor Threshold:** No information available

### Property

|                                               |                              |
|-----------------------------------------------|------------------------------|
| <b>pH (as is)</b>                             | <b>Values</b><br>11.5 – 12.5 |
| <b>Melting / freezing point</b>               | No data available            |
| <b>Boiling point /boiling range</b>           | > 212 °F                     |
| <b>Flash Point</b>                            | >93.9 °C                     |
| <b>Evaporation Rate</b>                       | No data available            |
| <b>Flammability</b>                           | No data available            |
| <b>Lower flammability limit</b>               | No data available            |
| <b>Vapor density</b>                          | No data available            |
| <b>Specific Gravity</b>                       | 1.008                        |
| <b>Water Solubility</b>                       | Soluble                      |
| <b>Solubility in other solvents</b>           | No data available            |
| <b>Partition coefficient: n-octanol/water</b> | No data available            |
| <b>Autoignition temperature</b>               | No data available            |
| <b>Decomposition temperature</b>              | No data available            |
| <b>Kinematic viscosity</b>                    | No data available            |
| <b>Dynamic viscosity</b>                      | No data available            |
| <b>Explosive properties</b>                   | No data available            |
| <b>Softening Point</b>                        | No data available            |
| <b>Particle Size</b>                          | No data available            |
| <b>Particle Size Distribution</b>             | No data available            |

## 10. STABILITY AND REACTIVITY

|                                           |                                                                              |
|-------------------------------------------|------------------------------------------------------------------------------|
| <b>Reactivity</b>                         | Non-reactive under normal conditions of sue, storage and transport.          |
| <b>Chemical Stability</b>                 | Stable under normal conditions.                                              |
| <b>Possibility of Hazardous Reactions</b> | None under normal processing.                                                |
| <b>Hazardous Polymerization</b>           | Hazardous polymerization does not occur.                                     |
| <b>Conditions to Avoid</b>                | None known based on information supplied.                                    |
| <b>Incompatible Materials</b>             | Strong acids. Strong bases. Strong oxidizing agents.                         |
| <b>Hazardous Decomposition Products</b>   | Nitrogen, ammonia, carbon dioxide, carbon monoxide, low weight hydrocarbons. |

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

|                        |                                                |
|------------------------|------------------------------------------------|
| <b>Acute toxicity:</b> | Acute oral toxicity (LD50): > 5 g/kg (Rat)     |
|                        | Acute dermal toxicity (LD5): > 5 g/kg (Rabbit) |
|                        | Acute inhalation (LC50): > 2.43 mg/l           |

**Skin corrosion/irritation:** Causes mild skin irritation.

**Serious eye damage/eye irritation:** Causes eye irritation.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

|                                 |                                                              |
|---------------------------------|--------------------------------------------------------------|
| <b>Sensitization</b>            | No information available.                                    |
| <b>Mutagenic Effects</b>        | No information available.                                    |
| <b>Carcinogenicity</b>          | Contains no ingredient listed as a carcinogen.               |
| <b>Reproductive Toxicity</b>    | Not expected to cause reproductive or developmental effects. |
| <b>STOT - single exposure</b>   | Not applicable.                                              |
| <b>STOT - repeated exposure</b> | Not applicable.                                              |
| <b>Chronic Toxicity</b>         | Not applicable.                                              |
| <b>Target Organ Effects</b>     | Not applicable.                                              |
| <b>Aspiration Hazard</b>        | Not applicable.                                              |

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

| Chemical Name / CAS                              | Toxicity to Algae | Toxicity to Fish                                | Toxicity to Microorganisms | Daphnia Magna (Water Flea) |
|--------------------------------------------------|-------------------|-------------------------------------------------|----------------------------|----------------------------|
| Tetrasodium ethylenediamine tetraacetate 64-02-8 | -                 | 96h LC50: =472 - 500 mg/L (Lepomis macrochirus) | -                          | -                          |

**Persistence and Degradability:** Expected to be readily biodegradable.

### **Bioaccumulation:**

| Chemical Name / CAS#                       | Log Pow |
|--------------------------------------------|---------|
| Diethylene glycol monobutyl ether 112-34-5 | 0.56    |

**Other adverse effects:** No information available.

## 13. DISPOSAL CONSIDERATIONS

Do not contaminate water, food or feed by disposal.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency, or the hazardous waste representative at the nearest EPA Regional Office for guidance.

**Container Disposal:** Non-refillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Fill container ¼ full with water and recap. Agitate vigorously. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times. Offer for recycling or reconditioning, if available. If not available, puncture and dispose in a sanitary landfill.

## 14. TRANSPORT INFORMATION

24-HR EMERGENCY PHONE: 1-888-322-0912

**DOT:** Not regulated

## 15. REGULATORY INFORMATION

**FIFRA:** This product is a US EPA Registered pesticide, EPA Reg. No. 1839-83-86226, 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 workplace labels of non-pesticide products. Following is the hazard information as required on the pesticide label:

**Signal word:** Caution

**Hazard statement:** Causes moderate eye irritation.

### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Acetaldehyde #75-07-0 <0.1% by wt.

### **SARA 311/312 Hazard Categories**

|                                   |     |
|-----------------------------------|-----|
| Acute Health Hazard               | Yes |
| Chronic Health Hazard             | No  |
| Fire Hazard                       | No  |
| Sudden release of pressure hazard | No  |
| Reactive Hazard                   | No  |

### **California Proposition 65**

This product contains a substance known to the State of California to cause cancer:

Acetaldehyde #75-07-0

### **U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated by state right-to-know regulations.

**TSCA:** Disinfectants are exempt from TSCA inventory listing.

## 16. OTHER INFORMATION

**Prepared By:** Regulatory Specialist, Staples Brand Group, (508) 253-5000

Always follow label directions carefully when using this or any other chemical product. If information about this product is required, please contact Staples at 1-888-322-0912 or visit our website at [www.staplesadvantage.com](http://www.staplesadvantage.com). Keep Safety Data Sheets filed and organized in an area accessible to workers according to all applicable regulations.

*All information contained in this SDS is provided to the best of Staples Contract & Commercial Inc.'s knowledge. No warranty is made with respect to this information expressed or implied, including warranties of merchantability or fitness for a particular purpose. Users are responsible for verifying the information under their own operating conditions to determine whether the products listed in the SDS are suitable for their intended use. Users are responsible for compliance with all laws and regulations as may be required by their receipt of the information and use of the products provided with this SDS.*