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

Product Name: Hepastat 256™
Product Number: BPR4252QM-A and BPR4254HM-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).

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 1B</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 1</td>
</tr>
<tr>
<td>Flammable liquids</td>
<td>Category 3</td>
</tr>
<tr>
<td>Acute toxicity (oral)</td>
<td>Category 4</td>
</tr>
<tr>
<td>Acute toxicity (Dermal)</td>
<td>Category 4</td>
</tr>
</tbody>
</table>

GHS Label elements, including precautionary statements
Emergency Overview:

Signal word: Danger

Hazard Statements: Flammable liquid and vapor. Harmful if swallowed or in contact with skin. Causes severe skin burns and eye damage. Causes serious eye damage.


IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a poison center or doctor/physician if you feel unwell.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation occurs, get medical advice/attention.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor/physician.


Precautionary Statements – Disposal: Dispose of contents/container to an approved waste disposal plant.

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Octyl decyl dimethyl ammonium chloride</td>
<td>32426-11-2</td>
<td>6.5</td>
</tr>
<tr>
<td>Alcohol ethoxylates</td>
<td>68439-46-3</td>
<td>6.0</td>
</tr>
<tr>
<td>N-Alkyl (C12-16) dimethyl benzyl ammonium chloride</td>
<td>68424-85-1</td>
<td>8.7</td>
</tr>
<tr>
<td>Dicyl dimethyl ammonium chloride</td>
<td>5538-94-3</td>
<td>2.6</td>
</tr>
<tr>
<td>Didecyl dimethyl ammonium chloride</td>
<td>7173-51-5</td>
<td>3.9</td>
</tr>
<tr>
<td>Tetrasodium ethylenediamine tetraacetate</td>
<td>64-02-8</td>
<td>3.0</td>
</tr>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>2.8</td>
</tr>
<tr>
<td>Sodium metasilicate</td>
<td>6834-92-0</td>
<td>0.9</td>
</tr>
</tbody>
</table>

Balance is water and similar non-hazardous ingredients. Fragrance added.

### 4. FIRST AID MEASURES

**General Advice:** Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.

**Eye Contact:** 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.

**Skin Contact:** Wash off immediately with soap and plenty of water for at least 15 minutes. Call a physician immediately.

**Inhalation:** Move to fresh air. If breathing is irregular or stopped, administer artificial respiration. Give oxygen. Call a physician immediately.

**Ingestion:** 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.

**Self-protection of the first aider:** 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

**Suitable Extinguishing Media:** Water spray, dry powder, foam.

**Unsuitable extinguishing media:** CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific Hazards Arising from the Chemical:** 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

Personal Precautions: Use respirator when performing operations involving potential exposure to vapor of the product.

Environmental Precautions: Do not flush into surface water or sanitary sewer system.

Methods for containment and cleaning up: Contain spillage, and then collect with non-combustible absorbent, material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see section 13).

7. HANDLING AND STORAGE

Handling: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

Storage: Open dumping is prohibited. Store in original container in areas inaccessible to children. Keep out of reach of children. Do not contaminate water, food or feed by storage and disposal. Store locked up in tightly closed, original, corrosive resistant container in a cool (10˚ - 30˚C), dry, well-ventilated area. Do not freeze or expose to direct sunlight.


8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

<table>
<thead>
<tr>
<th>Component/CAS#</th>
<th>Value type (form of exposure)</th>
<th>Control parameters / Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol 64-17-5</td>
<td>STEL</td>
<td>1,000 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td>REL</td>
<td>1,000 ppm</td>
<td>NIOSH/GUIDE</td>
</tr>
<tr>
<td></td>
<td>PEL</td>
<td>1,000 ppm, 1,900 mg/m3</td>
<td>OSHA-TRANS</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>1,000 ppm, 1,900 mg/m3</td>
<td>Z1A</td>
</tr>
<tr>
<td></td>
<td>STEL</td>
<td>1,000 ppm</td>
<td>CAD ON OEL</td>
</tr>
</tbody>
</table>

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

Eye / Face Protection: Tightly fitting safety goggles or face-shield.

Skin and Body Protection: Wear protective gloves and protective clothing. Long sleeved clothing. Impervious gloves.

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: Red

Odor: Woody-Quat
Odor Threshold: No information available

Property Values
pH (Conc.): 12.0 – 13.5
pH (Diluted 1:64): 10 - -11
Melting / freezing point: No data available
Boiling point /boiling range: No data available
Flash Point: 51.66 °C
Evaporation Rate: No data available
Flammability: No data available
Lower flammability limit: No data available
Vapor density: No data available
Specific Gravity: 1.008
Water Solubility: Soluble
Solubility in other solvents: No data available
Partition coefficient: n-octanol/water: No data available
Autoignition temperature: No data available
Decomposition temperature: No data available
Kinematic viscosity: No data available
Dynamic viscosity: No data available
Explosive properties: No data available
Softening Point: No data available
Particle Size: No data available
Particle Size Distribution: No data available
Reactivity: No data available.
Chemical Stability: Stable under recommended storage conditions.
Possibility of Hazardous Reactions: None under normal processing.
Hazardous Polymerization: Hazardous polymerization does not occur.
Conditions to Avoid: None known based on information supplied.

10. STABILITY AND REACTIVITY
Reactivity: No data available.
Chemical Stability: Stable under recommended storage conditions.
Possibility of Hazardous Reactions: None under normal processing.
Hazardous Polymerization: Hazardous polymerization does not occur.
Conditions to Avoid: None known based on information supplied.

11. TOXICOLOGICAL INFORMATION
Information on likely routes of exposure
Product Information:
Acute toxicity: Acute oral toxicity (LD50): 1,050 mg/kg (Rat)
Acute dermal toxicity (LD50): 1,100 mg/kg (Rabbit)
Skin corrosion/irritation: Severe irritant, possibly corrosive (Rabbit); Method: DOT
Serious eye damage/eye irritation: Severe irritant, possible corrosive (Rabbit); Method: DOT
Component Information

<table>
<thead>
<tr>
<th>Chemical Name / CAS#</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Respiratory or skin sensitization</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-Alkyl (C12-16) dimethyl benzyl ammonium chloride 68424-85-1</td>
<td>= 344 mg/kg (Rat)</td>
<td>3.340 mg/kg (Rabbit) 24 hr</td>
<td>Not sensitizing. Test Type: Buehler test (Guinea pig) Method: OECD Test Guideline 406 Assessment: Did not cause sensitization on lab animals. GLP: Yes.</td>
</tr>
</tbody>
</table>

Information on toxicological effects
Symptoms: Erythema (skin redness). May cause redness and tearing of the eyes. May cause blindness. Burning.

Delayed and immediate effects as well as chronic effects from short and long-term exposure
Sensitization: No sensitizing
Mutagenic Effects: No information available.
Carcinogenicity: Contains no ingredient listed as a carcinogen.
Reproductive Toxicity: No information available.
STOT - single exposure: No information available.
STOT - repeated exposure  No information available.
Chronic Toxicity  No known effect based on information supplied.
Aspiration Hazard  No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity:  The environmental impact of this product has not been fully investigated.

<table>
<thead>
<tr>
<th>Chemical Name / CAS#</th>
<th>Toxicity to Algae</th>
<th>Toxicity to Fish</th>
<th>Toxicity to Microorganisms</th>
<th>Daphnia Magna (Water Flea)</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-Alkyl (C12-16) dimethyl benzyl ammonium chloride 68424-85-1</td>
<td>72h ErC50 = 0.049</td>
<td>96h LC50: = 0.28 mg/L (Pimephales promelas)</td>
<td>3h EC50: = 7.75 mg/l (activated bacteria sludge)</td>
<td>48h EC50: = 0.016 mg/l</td>
</tr>
<tr>
<td>Nonylphenol branched ethoxylated 127087-87-0</td>
<td>96h LC50: = 6.6 mg/l (Pimephales promelas)</td>
<td>EC50: &gt; 5,000 mg/l</td>
<td>48h EC50: = 21.6 mg/l</td>
<td></td>
</tr>
</tbody>
</table>

Persistence and Degradability:

<table>
<thead>
<tr>
<th>Chemical Name / CAS#</th>
<th>OECD Confirmatory Test</th>
<th>Modified SCAS Test</th>
<th>CO2 Evolution Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-Alkyl (C12-16) dimethyl benzyl ammonium chloride 68424-85-1</td>
<td>Biodegradation: &gt; 90%</td>
<td>Biodegradation: &gt; 99% Exposure: 7 d</td>
<td>Biodegradation: 95.5% Exposure time: 28 d Concentration: 5 mg/l</td>
</tr>
</tbody>
</table>

Bioaccumulation:

<table>
<thead>
<tr>
<th>Chemical Name / CAS#</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol 64-17-5</td>
<td>-0.3</td>
</tr>
</tbody>
</table>

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. Wrap empty container and put in trash.

14. TRANSPORT INFORMATION

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

DOT:

UN-No.  UN2920
Proper Shipping Name  Corrosive Liquid, Flammable, N.O.S. (Dialkyl(dimethylammonium chloride, Ethanol)
Hazard Class  8
Packing Group  II
Description  UN2920, Corrosive Liquid, Organic, N.O.S. (Dialkyl(dimethylammonium chloride, Ethanol), 8, II
Packaging exceptions  When packaged in containers of 5L (1.3 gallons) or less, this product may be shipped under the 49 CFR 173.150 packaging exemption for Limited Quantity
Emergency Response Guide #  153
EmS-No  F-E, S-C
Marine Pollutant  Yes
15. REGULATORY INFORMATION

FIFRA: This product is a US EPA Registered pesticide, EPA Reg. No. 6836-78-86226, 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:** Danger
- **Hazard statement:** Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed and/or absorbed through the skin.

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Health Hazard</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>No</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sudden release of pressure hazard</td>
<td>No</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

California Proposition 65
This product does not contain any substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statue.

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name / CAS#</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol 64-17-5</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

TSCA: Disinfectants are exempt from TSCA inventory list.

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. 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.