**Section 1. Chemical Product and Company Identification**

Product name: ZEP METER MIST FRESH LINEN (GreenLink)

Product use: Aerosol Room Deodorizer/Odor Counteractant

Product code: 3406

Date of issue: 12/14/09

Supersedes: 05/27/09

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**Emergency Telephone Numbers**

For MSDS Information:
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency:
(877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency:
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

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**Prepared By**
Compliance Services
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

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**Section 2. Hazards Identification**

**Emergency overview**

**WARNING**

MAY CAUSE EYE IRRITATION.

CONTENTS UNDER PRESSURE.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

**Acute Effects**

**Routes of Entry**

Eye contact. Inhalation.

**Eyes**

Direct contact may cause irritation and redness. Inflammation of the eye is characterized by redness, watering and itching.

**Skin**

May cause skin irritation. Skin inflammation is characterized by itching, scaling, or reddening.

**Inhalation**

Avoid direct inhalation of spray. Over-exposure by inhalation may cause respiratory irritation.

**Ingestion**

May be harmful if swallowed. Aspiration hazard if swallowed. Can enter lungs and cause damage.

**Chronic effects**

Contains material which may cause damage to the following organs: kidneys, liver, central nervous system (CNS).

**Carcinogenicity**

No known significant effects or critical hazards.

**Product/ingredient name**

Not available.

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**Section 3. Composition/Information on Ingredients**

<table>
<thead>
<tr>
<th>Name of Hazardous Ingredients</th>
<th>CAS number</th>
<th>% by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACETONE; dimethyl ketone</td>
<td>67-64-1</td>
<td>55 - 65</td>
</tr>
<tr>
<td>PROPANE; liquefied petroleum gas</td>
<td>68476-85-7</td>
<td>20 - 30</td>
</tr>
<tr>
<td>ETHANOL; ethyl alcohol; grain alcohol</td>
<td>64-17-5</td>
<td>1 - 10</td>
</tr>
<tr>
<td>PROPYLENE GLYCOL; 1,2-dihydroxypropane,1,2-propanediol</td>
<td>57-55-6</td>
<td>1 - 10</td>
</tr>
</tbody>
</table>

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**Section 4. First Aid Measures**

**Eye Contact**

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention immediately.

**Skin Contact**

Rinse with plenty of running water. Get medical attention if irritation develops.

**Inhalation**

Move exposed person to fresh air. If irritation persists, get medical attention.

**Ingestion**

Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. If affected person is conscious, give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.
**Material Safety Data Sheet**

**Product Name**
ZEP METER MIST FRESH LINEN (GreenLink)

**Product code**
3406

**Flash Point**
Not available.

**Flammable Limits**
Not available.

**Flammability**
Non-flammable. (CSMA Method)

**Fire hazard**
CONTENTS UNDER PRESSURE. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Bursting aerosol containers may be propelled from a fire at high speed.

**Fire-Fighting Procedures**
Use an extinguishing agent suitable for the surrounding fire. Cool closed containers exposed to fire with water. Fire-fighters should wear appropriate protective equipment.

**Section 6. Accidental Release Measures**

**Spill Clean up**
Large spills are unlikely due to packaging.

**Section 7. Handling and Storage**

**Handling**
Put on appropriate personal protective equipment (see section 8). Store and use away from heat, sparks, open flame or any other ignition source. Avoid contact with eyes, skin and clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Observe label precautions. Wash thoroughly after handling.

**Storage**
CONTENTS UNDER PRESSURE. Do not puncture, incinerate or store the container at temperatures above 49°C (120°F) or in direct sunlight. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

**Section 8. Exposure Controls/Personal Protection**

**Product name**

**Exposure limits**

<table>
<thead>
<tr>
<th>Product name</th>
<th>Exposure limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROPANE; liquefied petroleum gas</td>
<td>ACGIH TLV (United States). TWA: 800 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).</td>
</tr>
<tr>
<td>ETHANOL; ethyl alcohol; grain alcohol</td>
<td>ACGIH TLV / OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).</td>
</tr>
<tr>
<td>PROPYLENE GLYCOL; 1,2-dihydroxypropane,1,2-propanediol</td>
<td>AIHA WEEL (United States). TWA: 10 mg/m³ 8 hour(s).</td>
</tr>
</tbody>
</table>

**Personal Protective Equipment (PPE)**

- **Eyes**
  Safety glasses.

- **Body**
  No special protective clothing is required.

- **Respiratory**
  Avoid direct inhalation of spray. Use with adequate ventilation.

**Section 9. Physical and Chemical Properties**

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>Odor</td>
</tr>
<tr>
<td>Not applicable</td>
<td>Pleasant. Fresh</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Vapor Pressure</td>
</tr>
<tr>
<td>55.6°C (132.1°F)</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>Vapor Density</td>
</tr>
<tr>
<td>0.817</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Solubility</td>
<td>Evaporation Rate</td>
</tr>
<tr>
<td>Very slightly soluble in the following materials: cold water and hot water.</td>
<td>&lt;1 (Water = 1)</td>
</tr>
<tr>
<td>VOC (Consumer)</td>
<td>Value</td>
</tr>
<tr>
<td>223 g/l (29.8%)</td>
<td></td>
</tr>
</tbody>
</table>

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Section 10. Stability and Reactivity

Stability and Reactivity  The product is stable.

Incompatibility  Keep away from heat, sparks and flame. Slightly reactive or incompatible with the following materials: oxidizing materials.

Hazardous Polymerization  Will not occur.

Hazardous Decomposition Products  carbon oxides (CO, CO₂)

Section 11. Toxicological Information

Acute Toxicity

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>LD50 Dermal</td>
<td>Rabbit</td>
<td>20000 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LD50 Intravenous</td>
<td>Rat</td>
<td>5500 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LD50 Oral</td>
<td>Mouse</td>
<td>9750 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>5800 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LDLo Dermal</td>
<td>Rabbit</td>
<td>20 mL/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LDLo Intraperitoneal</td>
<td>Rat</td>
<td>500 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>TDLo Oral</td>
<td>Rat</td>
<td>5 mL/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LC50 Inhalation Vapor</td>
<td>Rat</td>
<td>50100 mg/m³</td>
<td>8 hours</td>
</tr>
<tr>
<td>Ethanol</td>
<td>LC50 Inhalation Vapor</td>
<td>Rat</td>
<td>16000 ppm</td>
<td>4 hours</td>
</tr>
<tr>
<td></td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>7060 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LC50 Inhalation Vapor</td>
<td>Rat</td>
<td>20000 mg/m³</td>
<td>4 hours</td>
</tr>
<tr>
<td>Propylene Glycol</td>
<td>LD50 Dermal</td>
<td>Rabbit</td>
<td>208 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LD50 Oral</td>
<td>Dog</td>
<td>260 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LD50 Oral</td>
<td>Mouse</td>
<td>240 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>200 mg/kg</td>
<td>-</td>
</tr>
</tbody>
</table>

Section 12. Ecological Information

Environmental Effects  Not available.

Aquatic Ecotoxicity  Not available.

Section 13. Disposal Considerations

Waste Information

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream  Non-hazardous waste

Section 14. Transport Information

<table>
<thead>
<tr>
<th>Regulatory information</th>
<th>UN number</th>
<th>Proper shipping name</th>
<th>Classes</th>
<th>PG*</th>
<th>Label</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT Classification</td>
<td>None.</td>
<td>Consumer commodity ORM-D</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG*: Packing group

Section 15. Regulatory Information

U.S. Federal Regulations

SARA 313 toxic chemical notification and release reporting:
No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

State Regulations

California Prop 65  No products were found.
**Section 16. Other Information**

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

*NOTE*: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.