**MATERIAL SAFETY DATA SHEET**

**SECTION 1 - PRODUCT IDENTIFICATION AND USE**

<table>
<thead>
<tr>
<th>PRODUCT IDENTIFIER</th>
<th>PRODUCT IDENTIFICATION NUMBER (PIN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYMMETRY FOAMING HAND SANITIZER</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PRODUCT USE</th>
<th>CODE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hand Sanitizer</td>
<td>9005</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MANUFACTURER'S NAME</th>
<th>SUPPLIER'S NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUCKEYE INTERNATIONAL, INC.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>STREET ADDRESS</th>
<th>MEDICAL EMERGENCY TELEPHONE NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>2700 WAGNER PLACE</td>
<td>1-800-228-5635</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CITY</th>
<th>PROVINCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>MARYLAND HEIGHTS</td>
<td>MISSOURI, U.S.A.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>POSTAL CODE</th>
<th>EMERGENCY TELEPHONE NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>63043-3471</td>
<td>1-800-535-5053</td>
</tr>
</tbody>
</table>

**SECTION 2 - INGREDIENTS**

<table>
<thead>
<tr>
<th>INGREDIENTS</th>
<th>%</th>
<th>CAS NUMBER</th>
<th>LD₅₀ OF INGREDIENT</th>
<th>LC₅₀ OF INGREDIENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>60-100</td>
<td>64-17-5</td>
<td>7060 mg/kg Rat oral</td>
<td>38 mg/L/10hr Rat</td>
</tr>
<tr>
<td>Distilled Water</td>
<td>15-40</td>
<td>7732-18-5</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Dimethicone</td>
<td>1-5</td>
<td>Blend</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

**SECTION 3 - PHYSICAL DATA**

<table>
<thead>
<tr>
<th>PHYSICAL STATE</th>
<th>ODOR AND APPEARANCE</th>
<th>VAPOUR PRESSURE (mmHG)</th>
<th>VAPOUR DENSITY (Air=1)</th>
<th>EVAPORATION RATE (Water =1)</th>
<th>BOILING POINT (°C)</th>
<th>FREEZING POINT (°C)</th>
<th>SPECIFIC GRAVITY</th>
<th>ODOR THRESHOLD (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid</td>
<td>Fruity Floral Fragrance; Clear Solution</td>
<td>Not Available</td>
<td>Not Available</td>
<td>&gt;1.0</td>
<td>78°</td>
<td>Not Available</td>
<td>0.883 ± 0.01</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

**SECTION 4 - FIRE AND EXPLOSION DATA**

<table>
<thead>
<tr>
<th>FLAMMABILITY</th>
<th>IF YES, UNDER WHICH CONDITIONS?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Flammable due to alcohol content.</td>
</tr>
</tbody>
</table>

MEANS OF EXTINCTION

Not Applicable

FLASHPOINT (°C) AND METHOD

23.5°C Tag Closed Cup

UPPER FLAMMABLE LIMIT (% BY VOLUME)

Not Applicable

LOWER FLAMMABLE LIMIT (% BY VOLUME)

Not Applicable

HAZARDOUS COMBUSTION PRODUCTS

None Known

**SECTION 5 - REACTIVITY DATA**

<table>
<thead>
<tr>
<th>CHEMICAL STABILITY</th>
<th>IF NO, UNDER WHICH CONDITIONS?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Avoid heat, spark and open flame</td>
</tr>
</tbody>
</table>

INCOMPATIBILITY WITH OTHER SUBSTANCES?

IF SO, WHICH ONES?

Yes

Do not mix with chlorine bleach.

HAZARDOUS DECOMPOSITION PRODUCTS

None Known
SECTION 6 - TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY SKIN CONTACT SKIN ABSORPTION EYE CONTACT INHALATION INGESTION

Yes No Yes No No

EFFECTS OF ACUTE EXPOSURE TO PRODUCT
May cause eye irritation.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT
None Known

EXPOSURE LIMITS
Not Available

IRRITANCY OF PRODUCT
May cause eye irritation.

SENSITIZATION TO PRODUCT
Not Available

CARCINOGENICITY
No

TERATOGENICITY
No

REPRODUCTIVE TOXICITY
None

MUTAGENICITY
No

SYNERGISTIC PRODUCTS
None Known

SECTION 7 - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

GLOVES (SPECIFY)
None Required

RESPIRATOR (SPECIFY)
None Required

EYE (SPECIFY)
None Required

FOOTWEAR (SPECIFY)
None Required

CLOTHING (SPECIFY)
Normal Clothing

OTHER (SPECIFY)
None Required

ENGINEERING CONTROLS (SPECIFY: e.g. VENTILATION, ENCLOSED PROCESS.)
None Required.

LEAK AND SPILL PROCEDURE
Will cause slippery surfaces. Pick up with mop, wet/dry vac or absorbent material. Rinse area with clear water and allow floor to dry before allowing traffic.

WASTE DISPOSAL
Flush to sanitary sewer or send to sanitary landfill following local, provincial and federal laws.

HANDLING PROCEDURES AND EQUIPMENT
Follow good personal hygiene practices. When using product, do not rub eyes.

STORAGE REQUIREMENTS
KEEP OUT OF REACH OF CHILDREN! Store away from heat, sparks and open flame. Keep container closed when not in use. Avoid freezing conditions. Store at room temperature.

SPECIAL SHIPPING INFORMATION
Consumer Commodity, ORM-D Air: UN 1170, Ethanol Solutions in Limited Quantity, 3, III

SECTION 8 - FIRST AID MEASURES

SPECIFIC MEASURES
For Eyes: Flush with cool water for 15 minutes. If irritation occurs and persists, see physician.
For Ingestion: Call for medical advice immediately. DO NOT induce vomiting. Do not give anything by mouth unless directed to do so by a medical professional.

Complies with US FDA regulations for cosmetic products and/or over-the-counter drug products.

RATING
4 = EXTREME
3 = SERIOUS
2 = MODERATE
1 = SLIGHT
0 = MINIMAL

SECTION 9 - PREPARATION DATE OF MSDS

PREPARED BY (GROUP, DEPARTMENT, ETC.)
SCOTT MAAG - VICE PRESIDENT OF OPERATIONS
PHONE NUMBER
(314) 291-1900
DATE
February 15, 2015