Spartan Chemical Company, Inc.  
Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label): LITE’N FOAMY CRANBERRY ICE  
Product Number: 3152

Spartan Chemical Company, Inc.  
1110 Spartan Drive  
Maumee OH 43537

Product/Technical Information: 1-(800)-537-8990  
Medical Emergency: 1-(888)-314-6171 (24 hours)  
Chemical Leak/Spill Emergency: CHEMTREC 1-(800) 424-9300 (24 hours)

Shipping Description: Non Hazardous Products

NFPA Ratings:
- Health: 1- Slight
- Fire: 0 - Minimal
- Reactivity: 0 - Minimal

HMIS Ratings:
- Health: 1- Slight
- Fire: 0 - Minimal
- Reactivity: 0 - Minimal

SECTION II: HAZARDOUS INGREDIENTS

(Table Z-1-A)

<table>
<thead>
<tr>
<th>Chemical Name(s)</th>
<th>%Wt</th>
<th>CAS Registry No.</th>
<th>TWA mg/m³</th>
<th>STEL mg/m³</th>
<th>CEILING mg/m³</th>
<th>NTP, IARC or OSHA Carcinogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium C14-16 olefin sulfonate</td>
<td>1-5</td>
<td>68439-57-6</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
<td>No</td>
</tr>
</tbody>
</table>

SECTION III: PHYSICAL DATA

- Boiling Point: 210-215 °F
- Vapor Pressure: Unknown
- Vapor Density (AIR = 1): Unknown
- pH: 5.5-6.5
- Evaporation Rate (but.ace.=1): <1
- Percent Solid by Weight: 5-10
- Specific Gravity (H2O=1): 1.005
- Appearance & Odor: Clear red liquid, fruity fragrance

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

- Flash Point: > 212°F
- Method Used: ASTM-D56

- Flammable Limits: Not Established
- Flame Extension: N/A
- Extinguishing Media: Product does not support combustion. Use extinguishing media appropriate for surrounding fire.
- Special Fire Fighting Procedures: Wear NIOSH approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray.

- Unusual Fire & Explosive Hazards: Combustion products are toxic.
SECTION V: HEALTH HAZARD DATA

Threshold Limit Value: NA
Primary Routes of Entry: Eyes, Oral

Effects of Overexposure:
- May cause mild eye irritation. May be harmful if swallowed. Avoid contact with eyes. Do not swallow.
- Discontinue use if signs of skin irritation or rash appear.

Conditions to Avoid:
- Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.

Emergency & First Aid Procedures:
- **Eyes:** Flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention if irritation persists.
- **Skin:** Flush with plenty of water. Get medical attention if irritation persists.
- **Ingestion:** Do not induce vomiting. Drink one or two glasses of water to dilute product. Get medical attention. Do not give anything by mouth to an unconscious person.

SECTION VI: REACTIVITY DATA

<table>
<thead>
<tr>
<th>Stability</th>
<th>Incompatible Materials: Strong oxidizing agents</th>
</tr>
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<tbody>
<tr>
<td>Hazardous Decomposition Products: None known</td>
<td>Hazardous Polymerization: Will Not Occur</td>
</tr>
</tbody>
</table>

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:
- Small spills of one gallon or less may be flushed with plenty of water to sanitary sewer system. (If permitted by local sewer regulations). Dike and contain large spills with inert material and transfer liquid to containers for disposal. Keep spill out of storm sewers and waterways.

Waste Disposal Method: Dispose of in compliance with all federal, state and local laws and regulations.

SECTION VIII: SPECIAL PROTECTION INFORMATION

<table>
<thead>
<tr>
<th>Respiratory Protection: None required</th>
<th>Ventilation: Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protective Gloves(Specify Type): None required</td>
<td>Eye Protection(Specify Type): None required</td>
</tr>
</tbody>
</table>

SECTION IX: SPECIAL PRECAUTIONS

<table>
<thead>
<tr>
<th>Precautions; Handling &amp; Storing: Keep from freezing.</th>
<th>Other Precautions: Keep out of reach of children.</th>
</tr>
</thead>
</table>

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LITE'N FOAMY CRANBERRY ICE
Ref: 29 CFR 1910.1200 (OSHA)

Name: Ronald T. Cook
Effective Date: 01/09/2012
Changes: General review

Title: Manager, Regulatory Affairs
Supersedes: 09/22/2008

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