Spartan Chemical Company, Inc.
Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION
Product Name or Number (as it appears on label): LITE’N FOAMY FOAMING PEARLUX
Product Number: 3151

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

<table>
<thead>
<tr>
<th>NFPA Ratings</th>
<th>HMIS Ratings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health: 1- Slight</td>
<td>Health: 1- Slight</td>
</tr>
<tr>
<td>Fire: 0 - Minimal</td>
<td>Fire: 0 - Minimal</td>
</tr>
<tr>
<td>Reactivity: 0 - Minimal</td>
<td>Reactivity: 0 - Minimal</td>
</tr>
<tr>
<td>Pers. Prot. Equip.:</td>
<td>See Section VIII</td>
</tr>
</tbody>
</table>

SECTION II: HAZARDOUS INGREDIENTS
(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

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 Density (AIR = 1): Unknown
Vapor Pressure: Unknown
pH: 5.5-6.5
Specific Gravity (H₂O=1): 1.005
Evaporation Rate (but.ace.=1): <1
Percent Solid by Weight: 5-10
Physical State: Liquid
Appearance & Odor: White liquid, fruity fragrance

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA
Flash Point: > 212°F
Method Used: ASTM-D56
Flammable Limits: Not Established
Extinguishing Media: Product does not support combustion. Use extinguishing media appropriate for surrounding fire.
Flame Extension: N/A
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:

Conditions to Avoid: 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 Aggravated by Use: 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

Stability: Stable

Incompatible Materials: Strong oxidizing agents

Hazardous Decomposition Products: None known

Hazardous Polymerization: Will Not Occur

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

Respiratory Protection: None required

Ventilation: Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.

Protective Gloves (Specify Type): None required

Eye Protection (Specify Type): None required


SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing: Keep from freezing.

Other Precautions: Keep out of reach of children.

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LITE’N FOAMY FOAMING PEARLUX
Ref: 29 CFR 1910.1200 (OSHA)
Effective Date: 01/09/2012
Changes: General review

Name: Ronald T. Cook
Title: Manager, Regulatory Affairs
Effective Date: 01/09/2012
Supercedes: 09/22/2008

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