



Spartan Chemical Company, Inc.

WHMIS Safety Data Sheet

Revision Date: 11-Dec-2017

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: LITE'N FOAMY CITRUS FRESH
Product Number: 3308C
Recommended Use: Hand cleaner
Uses Advised Against: For Industrial and Institutional Use Only

Manufacturer/Supplier: Spartan Chemical Company, Inc. Canadian Agent:
1110 Spartan Drive Perley-Robertson, Hill & McDougal, LLP
Maumee, Ohio 43537 USA 340 Albert Street, Suite 1400
800-537-8990 (Business hours) Ottawa, ON, Canada K1R 0A5
www.spartanchemical.com

Medical Emergency/Information: 888-314-6171 (24 Hour)

2. HAZARDS IDENTIFICATION

GHS Classification Not classified as hazardous by WHMIS HazCom-GHS

GHS Label Elements

Signal Word: No signal word
Symbols: No symbols
Hazard Statements: No hazard statements
Precautionary Statements:
Prevention: Not Applicable
Response:
-Specific Treatment: See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.
Storage: Not Applicable
Disposal: Not Applicable
Hazards Not Otherwise Classified: Not Applicable
Other Information:

- May be harmful if swallowed.
- May cause eye irritation.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% |
|-----------------------|-----------|-----------|
| water | 7732-18-5 | 95.0-97.5 |
| sodium lauryl sulfate | 151-21-3 | 1.0-2.5 |

This product contains a fragrance

4. FIRST AID MEASURES

-Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
-Skin Contact: Wash with soap and water. If skin irritation occurs: Get medical attention.

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| -Inhalation: | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell. |
| -Ingestion: | Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell. |
| Note to Physicians: | Treat symptomatically. |

5. FIRE-FIGHTING MEASURES

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| Suitable Extinguishing Media: | Product does not support combustion, Use extinguishing agent suitable for type of surrounding fire |
| Specific Hazards Arising from the Chemical: | Dried product is capable of burning. Combustion products are toxic. |
| Hazardous Combustion Products: | May include Carbon monoxide Carbon dioxide and other toxic gases or vapors. |
| Protective Equipment and Precautions for Firefighters: | Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray. |

6. ACCIDENTAL RELEASE MEASURES

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| Personal Precautions: | Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. |
| Environmental Precautions: | Do not rinse spill onto the ground, into storm sewers or bodies of water. |
| Methods for Clean-Up: | Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. |

7. HANDLING AND STORAGE

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| Advice on Safe Handling: | Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. |
| Storage Conditions: | Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep from freezing. |
| Suggested Shelf Life: | Minimum of 2 years from date of manufacture. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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| Occupational Exposure Limits: <i>IDLH</i> | None established. - <i>Immediately Dangerous to Life or Health</i> |
| Engineering Controls: | Provide good general ventilation. If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered. |
| Personal Protective Equipment | |
| Eye/Face Protection: | Not required with expected use. |
| Skin and Body Protection: | Not required with expected use. |
| Respiratory Protection: | Not required with expected use. |
| General Hygiene Considerations: | Wash hands and any exposed skin thoroughly after handling. See 29 CFR 1910.132-138 for further guidance. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance/Physical State: | Liquid |
| Color: | Green |
| Odor: | Fresh green citrus |
| pH: | 5.5-6.5 |
| Melting Point / Freezing Point: | No information available. |
| Boiling Point / Boiling Range: | 100 °C / 212 °F |
| Flash Point: | > 100 °C / > 212 °F ASTM D56 |
| Evaporation Rate: | < 1 (Butyl acetate = 1) |
| Flammability (solid, gas) | No information available. |
| Upper Flammability Limit: | No information available. |
| Lower Flammability Limit: | No information available. |

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|-----------------------------------|---------------------------|
| Vapor Pressure: | No information available. |
| Vapor Density: | No information available. |
| Specific Gravity: | 1.008 |
| Solubility(ies): | Soluble in water |
| Partition Coefficient: | No information available. |
| Autoignition Temperature: | No information available. |
| Decomposition Temperature: | No information available. |
| Viscosity: | No information available. |

10. STABILITY AND REACTIVITY

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| Reactivity: | This material is considered to be non-reactive under normal conditions of use. |
| Chemical Stability: | Stable under normal conditions. |
| Possibility of Hazardous Reactions: | Not expected to occur with normal handling and storage. |
| Conditions to Avoid: | Extremes of temperature and direct sunlight. |
| Incompatible Materials: | Strong oxidizing agents. Strong acids. |
| Hazardous Decomposition Products: | May include carbon monoxide, carbon dioxide (CO ₂) and other toxic gases or vapors. |

11. TOXICOLOGICAL INFORMATION

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| Likely Routes of Exposure: | Eyes, Skin, Ingestion, Inhalation. |
| Symptoms of Exposure: | |
| -Eye Contact: | Pain and redness. |
| -Skin Contact: | None expected. |
| -Inhalation: | No known effect. |
| -Ingestion: | Pain, nausea, vomiting and diarrhea. |
| Immediate, Delayed, Chronic Effects | |
| Product Information: | Data not available or insufficient for classification. |

Numerical Measures of Toxicity

The following acute toxicity estimates (ATE) are calculated based on the GHS document.

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|--------------------------------|-------------|
| ATEmix (oral): | 55504 mg/kg |
| ATEmix (dermal): | 24994 mg/kg |
| ATEmix (inhalation-dust/mist): | 64.6 mg/l |

Component Acute Toxicity Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|-----------------------------------|----------------------|------------------------|--------------------------------------|
| water 7732-18-5 | > 90 mL/kg (Rat) | Not Available | Not Available |
| sodium lauryl sulfate 151-21-3 | = 1288 mg/kg (Rat) | = 200 mg/kg (Rabbit) | > 3900 mg/m ³ (Rat) 1 h |

Carcinogenicity: No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP or OSHA.

12. ECOLOGICAL INFORMATION

Ecotoxicity

| Chemical Name | Algae/Aquatic Plants | Fish | Toxicity to Microorganisms | Crustacea |
|---------------|----------------------|------|----------------------------|-----------|
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|-----------------------------------|---|---|---------------|--|
| sodium lauryl sulfate 151-21-3 | 53: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 30 - 100: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50 117: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 3.59 - 15.6: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 static | 8 - 12.5: 96 h <i>Pimephales promelas</i> mg/L LC50 static 15 - 18.9: 96 h <i>Pimephales promelas</i> mg/L LC50 static 22.1 - 22.8: 96 h <i>Pimephales promelas</i> mg/L LC50 static 4.3 - 8.5: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 4.62: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 flow-through 5.8 - 7.5: 96 h <i>Pimephales promelas</i> mg/L LC50 static 10.2 - 22.5: 96 h <i>Pimephales promelas</i> mg/L LC50 semi-static 6.2 - 9.6: 96 h <i>Pimephales promelas</i> mg/L LC50 13.5 - 18.3: 96 h <i>Poecilia reticulata</i> mg/L LC50 semi-static 10.8 - 16.6: 96 h <i>Poecilia reticulata</i> mg/L LC50 static 1.31: 96 h <i>Cyprinus carpio</i> mg/L LC50 semi-static 4.2: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 7.97: 96 h <i>Brachydanio rerio</i> mg/L LC50 flow-through 9.9 - 20.1: 96 h <i>Brachydanio rerio</i> mg/L LC50 semi-static 4.06 - 5.75: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 4.2 - 4.8: 96 h <i>Lepomis macrochirus</i> mg/L LC50 flow-through 4.5: 96 h <i>Lepomis macrochirus</i> mg/L LC50 | Not Available | 1.8: 48 h <i>Daphnia magna</i> mg/L EC50 |
|-----------------------------------|---|---|---------------|--|

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Other Adverse Effects: No information available.

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Dispose of in accordance with federal, state and local regulations.
Contaminated Packaging: Dispose of in accordance with federal, state and local regulations.
US EPA Waste Number: U001 U108 U115 U154

14. TRANSPORT INFORMATION

TDG / DOT: Not Regulated
Proper Shipping Name: Non Hazardous Product
Special Provisions: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Check with a trained hazardous materials transportation expert for information specific to your situation.

IMDG: Not Regulated
Proper Shipping Name: Non Hazardous Product

15. REGULATORY INFORMATION

DSL / NDSL Status: (Domestic Substances List / Non-Domestic Substances List)
The chemical substances in this product are included on or exempt from listing on the Canadian DSL / NDSL.

TSCA Status: (Toxic Substance Control Act Section 8(b) Inventory)

All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

SARA 313

This product does not contain listed substances above the "de minimus" level

SARA 311/312 Hazard Categories

| | |
|------------------------------------|-----|
| Acute Health Hazard: | Yes |
| Chronic Health Hazard: | No |
| Fire Hazard: | No |
| Sudden release of pressure hazard: | No |
| Reactive Hazard: | No |

16. OTHER INFORMATION

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|-------------|-------------------|-----------------|---------------------|--------------|
| NFPA | Health Hazards: 1 | Flammability: 0 | Instability: 0 | Special: N/A |
| HMIS | Health Hazards: 1 | Flammability: 0 | Physical Hazards: 0 | |

Revision Date: 11-Dec-2017
Reasons for Revision: Section 7 and 9

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet