JN 7008

# Spartan Chemical Company, Inc.
# Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):
**CLOTHESLINE FRESH LAUNDRY SOUR [8]**
Product Number: 7008

Product Division:
Janitorial

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: | HMIS Ratings: |
|---|---|
| Health: 2 - Moderate<br>Fire: 0 - Minimal<br>Reactivity: 0 - Minimal | Health: 2 - Moderate<br>Fire: 0 - Minimal<br>Reactivity: 0 - Minimal<br>Pers. Prot. Equip.: See Section VIII |

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.

| Chemical Name(s) | %Wt | CAS Registry No. | Table Z-1-A TWA mg/m$^3$ | Table Z-1-A STEL mg/m$^3$ | Table Z-1-A CEILING mg/m$^3$ | NTP, IARC or OSHA Carcinogen |
|---|---|---|---|---|---|---|
| Citric Acid | 1-5 | 77-92-9 | Not Established | Not Established | Not Established | No |
| Sodium carbonate | 1-5 | 497-19-8 | Not Established | Not Established | Not Established | No |

SECTION III: PHYSICAL DATA

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|---|---|---|---|
| Boiling Point: | 212 °F | Vapor Pressure: | Not determined |
| Vapor Density (AIR = 1): | Unknown | Solubility in Water: | Complete |
| pH: | 3.0-4.0 | Specific Gravity ($H_2O$=1): | 1.035 |
| Evaporation Rate (but.ace.=1): | <1 | Percent Solid by Weight: | 5-10 |
| Physical State: | Liquid | | |
| Appearance & Odor: | Slightly yellow liquid, mild odor | | |

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

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|---|---|---|---|
| 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

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| Threshold Limit Value: | Not Established | Primary Routes of Entry: | Inhalation, Skin Contact, Eyes and Oral |

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| Effects of Overexposure- Conditions to Avoid: | Causes eye irritation : Symptoms may include pain, redness, swelling and tearing<br>Causes skin irritation : Symptoms may include pain, redness and swelling.<br>May be harmful if swallowed : Symptoms may include nausea, vomiting, pain and diarrhea.<br>Inhalation of product mist may cause respiratory irritation : Symptoms may include coughing.<br>Avoid contact with eyes, skin or clothing. Do not swallow. Avoid breathing product mist. Wash thoroughly after handling . |
| 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 plenty of water for at least 15 minutes. Remove contact lenses. Get medical attention. |
| Skin: | Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists. Wash contaminated clothing before reuse. |
| 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. |
| Inhalation: | In case of respiratory irritation; move person to fresh air. Get medical attention if irritation persists. |

SECTION VI: REACTIVITY DATA

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| Stability: | Stable | Incompatible Materials: | Strong oxidizers; hypochlorites |
| Hazardous Decomposition Products: | CO, CO2 | Hazardous Polymerization: | Will Not Occur |

SECTION VII: SPILL OR LEAK PROCEDURES

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| 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

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| Respiratory Protection: | Not required with normal usage. |
| Ventilation: | Provide good general ventilation. Local exhaust ventilation may be necessary for some operations. |
| Protective Gloves(Specify Type): | Rubber or other impervious gloves are recommended when handling undiluted product |
| Eye Protection(Specify Type): | Splash goggles are recommended when handling undiluted product |
| Other Protective Equipment: | See 29 CFR 1910.132-138 for further guidance. |

SECTION IX: SPECIAL PRECAUTIONS

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| Precautions; Handling & Storing: | Except as allowed in Clothesline Fresh product directions for use, do not mix with hypochlorite type bleach, chlorinated detergents or other chemicals as hazardous gases may be released. Keep from freezing. |
| Other Precautions: | Keep out of reach of children. |

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CLOTHESLINE FRESH LAUNDRY SOUR [8]

Ref: 29 CFR 1910.1200 (OSHA)

Name: Ronald T. Cook
Effective Date: 10/23/2010
Changes: General Update

Title: Manager, Regulatory Affairs
Supercedes: 10/23/2007

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