



Spartan Chemical Company, Inc.

Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):

CLOTHESLINE FRESH ENZYME LAUNDRY DETERGENT [11]

Product Number: 7011

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: 1- Slight Fire: 0 - Minimal Reactivity: 0 - Minimal	Health: 1- Slight Fire: 0 - Minimal Reactivity: 0 - Minimal 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			NTP, IARC or OSHA Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
Alcohol ethoxylate	10-15	68439-46-3	Not Established	Not Established	Not Established	No
Acrylic copolymer	1-5	Proprietary	Not Established	Not Established	Not Established	No
Alcohol ethoxylate	1-5	66455-14-9	Not Established	Not Established	Not Established	No
Alkyl polyglucoside	1-5	68515-73-1	Not Established	Not Established	Not Established	No
Lauramine oxide	1-5	1643-20-5	Not Established	Not Established	Not Established	No
Protease	< 1.0	9014-01-1	Not Established	Not Established	0.00006 ACGIH	No
Alpha-amylase	< 1.0	9000-90-2	Not Established	Not Established	Not Established	No

SECTION III: PHYSICAL DATA

Boiling Point: 212 °F	Vapor Pressure: Not determined
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 7.5-8.5	Specific Gravity (H ₂ O=1): 1.013
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 20-25
Physical State: Liquid	
Appearance & Odor: Blue/green liquid, pleasant 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: Not Established	Primary Routes of Entry: Inhalation, Skin Contact, Eyes and Oral
Effects of Overexposure- Conditions to Avoid:	May cause eye irritation : Symptoms may include pain, redness, swelling and tearing May cause skin skin irritation : Symptoms may include pain, redness and swelling. May be harmful if swallowed : Symptoms may include nausea, vomiting, pain and diarrhea. Contains enzymes which may cause allergic respiratory reactions with symptoms of shortness of breath, wheezing and coughing. Avoid contact with eyes, skin or clothing that is being worn. Do not swallow. 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

Stability: Stable	Incompatible Materials: Strong oxidizing agents
Hazardous Decomposition Products: CO, CO2	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:	Not required with expected use.
Ventilation:	Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	None required with expected use.
Eye Protection(Specify Type):	None required with expected use.
Other Protective Equipment:	See 29 CFR 1910.132-138 for further guidance.

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Wash thoroughly with soap and water after handling.
Other Precautions:	Keep out of reach of children.

© SCC 12/04/2008 Name: Ronald T. Cook Title: Manager, Regulatory Affairs
CLOTHESLINE FRESH ENZYME Effective Date: 12/04/2008
LAUNDRY DETERGENT [11]
Ref. 29 CFR 1910.1200 (OSHA) Changes: New Product

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