

**SPARTAN CHEMICAL COMPANY, INC.
WHMIS MATERIAL SAFETY DATA SHEET**

SECTION I: PRODUCT INFORMATION

PRODUCT IDENTIFIER:

CLOTHESLINE FRESH BLD [2]

PRODUCT USE: Liquid alkaline laundry detergent

MANUFACTURER'S NAME & ADDRESS

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

MEDICAL EMERGENCY TELEPHONE

888/314-6171 (24 Hours)

PRODUCT INFORMATION: 800/537-8990

SECTION II: HAZARDOUS INGREDIENTS

CAS REGISTRY NO.	% W	CHEMICAL NAME(S)	TLV			LD50	LC50
			TWA mg/m ³	STEL mg/m ³	Ceiling mg/m ³		
68131-39-5	5-10	Alcohol ethoxylate	----	Not Established	----	Not available	Not available
28348-53-0	1-5	Sodium cumene sulfonate	----	Not Established	----	Not available	Not available
Proprietary	1-5	Acrylic copolymer	----	Not Established	----	Not available	Not available
1310-73-2	1-5	Sodium hydroxide	2	---	---	Not available	Not available
102-71-6	1-5	Triethanolamine	5 (ACGIH)	----	----	Not available	Not available
68515-73-1	1-5	Alkyl polyglycoside	----	Not Established	----	Not available	Not available
68608-26-4	1-5	Sodium petroleum sulfonate	----	Not Established	----	Not available	Not available
144538-83-0	1-5	Sodium iminodisuccinate	----	Not Established	----	Not available	Not available

SECTION III: PHYSICAL DATA

BOILING POINT

100°C (212°F)

VAPOUR PRESSURE

Not established

VAPOUR DENSITY (AIR = 1)

Not established

pH

13.5-14.0

COEFFICIENT OF WATER/OIL DISTRIBUTION

Not available

SPECIFIC GRAVITY (H₂O = 1)

1.084

EVAPORATION RATE (butyl acetate = 1)

< 1

SOLUBILITY IN WATER

Complete

APPEARANCE AND ODOUR

Red liquid, pleasant fragrance

PERCENT SOLID BY WEIGHT

25-35%

FREEZING POINT

Not available

ODOUR THRESHOLD

Not available

PHYSICAL STATE

GAS__ LIQUID_X SOLID_____

SECTION IV: FIRE & EXPLOSION DATA

FLASH POINT

> 99°C (210°F)

EXTINGUISHING MEDIA

Water, CO₂ or dry chemical

HAZARDOUS COMBUSTION PRODUCTS

Not established

SPECIAL FIRE FIGHTING PROCEDURES

Use self-contained breathing apparatus for maximum respiratory protection. Water may be used to cool containers if not ruptured or leaking.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Product does not support combustion. Use extinguishing media appropriate for surrounding fire.

METHOD USED

ASTM - D56

CONDITIONS OF FLAMMABILITY

Not applicable

FLAMMABLE LIMITS

Not available

AUTO-IGNITION TEMPERATURE

Not applicable

EXPLOSION DATA

Not applicable

SECTION V: REACTIVITY DATA

STABILITY: STABLE X **CONDITIONS OF INSTABILITY** **CONDITIONS OF REACTIVITY**
Not established Not established
INCOMPATIBILITY (MATERIALS TO AVOID) Strong acids and strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS None known

SECTION VI: TOXICOLOGICAL PROPERTIES

PRIMARY ROUTES OF ENTRY: Eye Contact, Skin Contact, Ingestion, Inhalation,
EXPOSURE LIMIT Not established for mixture.
EFFECTS OF ACUTE EXPOSURE:
EYE CONTACT Causes severe eye damage and chemical burns. Permanent eye damage is possible.
SKIN CONTACT Causes severe skin damage or irritation with symptoms of pain, redness and chemical burns.
Harmful contact may not cause immediate pain.
INGESTION Harmful if swallowed. Causes damage to esophagus and mucous membranes with symptoms of pain, nausea, vomiting and diarrhea. Aspiration of product into the lungs may occur during ingestion or vomiting resulting in lung injury.
INHALATION Breathing product mist may cause irritation or damage of the respiratory tract with symptoms of nasal discomfort and coughing.
EFFECTS OF CHRONIC EXPOSURE
None known
IRRITANCY OF PRODUCT **SENSITIZATION TO PRODUCT** **CARCINOGENICITY**
CORROSIVE (see above) Not available No
REPRODUCTIVE TOXICITY **TERATOGENICITY** **MUTAGENICITY** **SYNERGISTIC PRODUCTS**
Not available Not available Not available Not available

SECTION VII: PREVENTIVE MEASURE

PERSONAL PROTECTIVE EQUIPMENT / ENGINEERING CONTROLS
Wear rubber or other impervious gloves and splash goggles when handling product. Eyewash stations and washing facilities should be readily accessible in areas where undiluted product is handled. See 29 CFR 1910.132-138 for further guidance. Provide good general ventilation. Local exhaust ventilation may be necessary for some operations. Respiratory protection is not expected to be required with normal use.
LEAK AND SPILL PROCEDURE Contain large spills and transfer to appropriate container for reclamation or disposal. Absorb remaining material or small spills with an inert material and dispose in accordance with regulations.
WASTE DISPOSAL METHOD Assure conformance with regulations.
HANDLING PROCEDURES Do not get in eyes, on skin or clothing. Avoid breathing product mist. Do not swallow. Wash thoroughly after handling.
STORAGE REQUIREMENTS Keep container closed when not in use. Store in a cool, dry place. Do not freeze. Keep out of reach of children.
SPECIAL SHIPPING INFORMATION Corrosive liquids, n.o.s., 8, UN 1760, II, (contains sodium hydroxide)

SECTION VIII: FIRST AID MEASURES

EYES: Immediately flush eyes with water for at least 15 minutes. Remove contact lenses. Get immediate medical attention.
SKIN: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash contaminated clothing before reuse. Destroy contaminated shoes.
INGESTION: Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting. Drink one or two glasses of water to dilute product. Do not give anything by mouth to an unconscious person.
INHALATION: Move person to fresh air. Get medical attention if irritation persists.

SECTION IX: PREPARATION INFORMATION

CLOTHESLINE FRESH BLD [2]
DATE OF PREPARATION: October 23, 2013
SUPERCEDES: October 23, 2010
PREPARED BY Ronald T. Cook / Manager, Regulatory Affairs / Spartan Chemical Company, Inc.
TELEPHONE NUMBER 800/537-8990