

Safety Data Sheet Spartan Chemical Company, Inc.

Revision Date: 17-Mar-2017

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: CLEAN ON THE GO SPARCLEAN SILVERWARE PRE-SOAK [21]

Product Number: 4850

Recommended Use: Cleaning agent

Uses Advised Against: For Industrial and Institutional Use Only

Manufacturer/Supplier: Spartan Chemical Company, Inc.

1110 Spartan Drive

Maumee, Ohio 43537 USA 800-537-8990 (Business hours) www.spartanchemical.com

24 Hour Emergency Phone Numbers:

Medical Emergency/Information: 888-314-6171

Transportation/Spill/Leak: CHEMTREC 800-424-9300

2. HAZARDS IDENTIFICATION

GHS Classification

Serious Eye Damage/Eye Irritation: Category 2 Skin Sensitization: Category 1A

GHS Label Elements

Signal Word: Warning

Symbols:

Hazard Statements: Causes serious eye irritation

May cause an allergic skin reaction

Precautionary Statements:

Prevention: Wash hands and any exposed skin thoroughly after handling.

Wear protective gloves Wear eye / face protection

Avoid breathing dust/fume/gas/mist/vapors/spray

Contaminated work clothing should not be allowed out of the workplace

Response:

-Skin

-Eyes IF IN EYES: 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. IF ON SKIN: Wash with plenty of soap and water If skin irritation or rash occurs: Get

medical attention. Wash contaminated clothing before reuse.

-Specific Treatment: See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.

Storage: Not Applicable

Disposal: Dispose of contents and container in accordance with local, state and federal regulations.

Hazards Not Otherwise Classified: Not Applicable

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Other Information: · May be harmful if swallowed.

· Causes mild skin irritation.

• Inhalation of vapors or mist may cause respiratory irritation.

 This product contains enzymes which may induce respiratory sensitization and may cause allergic respiratory reactions in sensitized individuals.

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Avoid breathing product mist.

Keep out of reach of children.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
water	7732-18-5	60-100
alcohol ethoxylate	68439-46-3	1-5
triethanolamine	102-71-6	1-5
alcohol ethoxylate	34398-01-1	1-5
dicarboxylic fatty acid	53980-88-4	1-5
alpha-amylase	9000-90-2	<0.1
protease	9014-01-1	<0.1
mannanase	37288-54-3	<0.1

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

-Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and

easy to do. Continue rinsing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.

Wash with plenty of soap and water If skin irritation or rash occurs: Get medical attention. -Skin Contact:

Wash contaminated clothing before reuse.

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a -Inhalation:

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

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

Personal Precautions: Environmental Precautions: Methods for Clean-Up:

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Do not rinse spill onto the ground, into storm sewers or bodies of water.

Prevent further leakage or spillage if safe to do so. Contain and collect spillage with

non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

7. HANDLING AND STORAGE

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly

after handling.

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach **Storage Conditions:**

of children. Keep from freezing.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

	Chemical Name	ACGIH TLV	OSHA PEL	NIOSH
triethanolamine TWA: 5mg/m³ 102-71-6 protease Ceiling: 0.00006 mg/m³ 9014-01-1 crystalline active enzyme		TWA: 5mg/m ³	-	-
		5	(vacated) STEL: 0.00006 mg/m³ 60 min	STEL: 0.00006 mg/m³ 60 min Subtilisins

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

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engineering controls should be considered.

Personal Protective Equipment

Eye/Face Protection:

Wear splash goggles.

Skin and Body Protection: Wear rubber or other chemical-resistant gloves.

Respiratory Protection: Not required with expected use. If occupational exposure limits are exceeded or respiratory irritation occurs, use of a

NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section

3 should be considered.

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

Annagrange/Dhysical Ctate:	Liquid	
Appearance/Physical State:	Liquid	
Color:	Light green	
Odor:	Mild	
pH:	7.5-8.0	
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.	
Vapor Pressure:	No information available.	
Vapor Density:	No information available.	
Specific Gravity:	1.007	
Solubility(ies):	No information available.	
Partition Coefficient:	No information available.	
Autoignition Temperature:	No information available.	
Decomposition Temperature:	No information available.	
Viscosity:	No information available.	

10. STABILITY AND REACTIVITY

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 May include carbon monoxide, carbon dioxide (CO2) and other toxic gases or vapors.

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11. TOXICOLOGICAL INFORMATION

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Likely Routes of Exposure: Eyes, Skin, Ingestion, Inhalation.

Symptoms of Exposure:

-Eye Contact: Pain, redness, swelling of the conjunctiva and blurred vision.

-Skin Contact: Pain, redness and cracking of the skin. -Inhalation: Nasal discomfort and coughing. -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.

ATEmix (oral): 17523 mg/kg ATEmix (dermal): 67137 mg/kg

Component Acute Toxicity Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
water 7732-18-5	> 90 mL/kg (Rat)	Not Available	Not Available
alcohol ethoxylate 68439-46-3	= 1400 mg/kg (Rat)	Not Available	Not Available
triethanolamine 102-71-6	= 4190 mg/kg (Rat)	> 20 mL/kg(Rabbit)	Not Available
dicarboxylic fatty acid 53980-88-4	= 6176 mg/kg (Rat)	Not Available	Not Available
alpha-amylase 9000-90-2	> 7500 mg/kg (Rat)	Not Available	Not Available
protease 9014-01-1	= 3700 mg/kg (Rat)	Not Available	Not Available

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	Crustacea
			Microorganisms	
triethanolamine	216: 72 h Desmodesmus	10600 - 13000: 96 h	Not Available	Not Available
102-71-6	subspicatus mg/L EC50 169:	Pimephales promelas mg/L		
	96 h Desmodesmus	LC50 flow-through 1000: 96		
	subspicatus mg/L EC50	h Pimephales promelas		
		mg/L LC50 static 450 - 1000:		
		96 h Lepomis macrochirus		
		mg/L LC50 static		

No information available. Persistence and Degradability: Bioaccumulation: No information available. No information available. Other Adverse Effects:

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.

14. TRANSPORT INFORMATION

Not Regulated

Proper Shipping Name: Non-Hazardous Product

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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

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expert for information specific to your situation.

IMDG: Not Regulated

Proper Shipping Name: Non-Hazardous Product

15. REGULATORY INFORMATION

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:YesChronic Health Hazard:NoFire Hazard:NoSudden release of pressure hazard:NoReactive Hazard:No

California Proposition 65

This product is not subject to warning requirements under California Proposition 65.

16. OTHER INFORMATION

NFPA Health Hazards: 1 Flammability: 0 Instability: 0 Special: N/A

HMIS Health Hazards: 1 Flammability: 0 Physical Hazards: 0

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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