SparClean

# 59 Sure Step

Grease is inescapable in a kitchen environment, especially in and around grills and fryers. Over time, this grease builds-up in kitchen tile and grout, creating a slippery, safety hazard. SparClean® Sure Step is a no-rinse, enzyme floor cleaner that breaks down built-up grease, improving slip resistance. With the ability to remove even the toughest food-based fats, oils, and greases, the SparClean Sure Step enzymatic action continues to work even when the floor is dry! When used regularly, SparClean Sure Step restores traction to even the greasiest of floors.

Spartan®

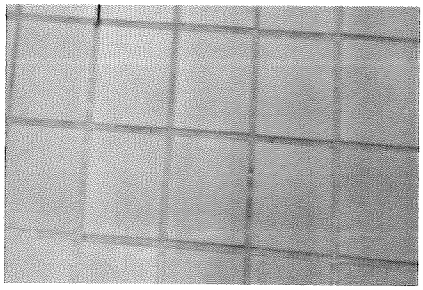
Providing Quality Maintenance and Chemical Specialty Solutions with Unparalleled Customer Service

Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee, OH 43537
1-800-537-8990
www.spartanchemical.com

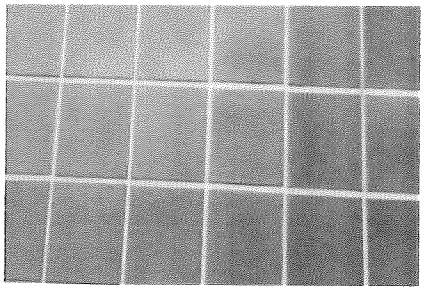
## FEATURES AND BENEFITS:

- Improves traction, restores grout – reduces exposure to slip and fall incidents
- Residual enzyme action continues to clean even when the floor is dry
- Easy to use – 5 simple steps to a cleaner, safer work environment
- No goggles or gloves required for use - HIMS safety rating of 1, 0, 0
- No Rinse Formula: Save labor, time and water
- Cleans with cold water...Save energy, save money

BEFORE SURE STEP:



AFTER SURE STEP:



## DIRECTIONS FOR USE

Some individuals may be sensitive to ingredients in this product. Before use, read product label and Safety Data Sheet. If questions remain, consult your employer or a physician.

1. SWEEP floor to remove any loose debris.
2. Mix SparClean Sure Step at 1-2 oz. per gallon of water. Dilute with cold or warm water. DO NOT dilute with hot water.
3. Mop or flood the floor with diluted cleaner so as to SATURATE the entire floor.
4. Allow diluted cleaner to SIT on floor (at least 5 minutes) until the solution has had enough time to penetrate the soil.
5. SCRUB floor with a deck brush or other stiff bristled brush.
6. SQUEEGEE remaining water into the floor drain. DO NOT RINSE. Allow to air dry and walk away with a sure step.

## USE IN FOOD PROCESSING AREAS OF USDA INSPECTED FACILITIES:

This product is acceptable for use as a floor and wall cleaner in food processing areas. Before using this product, food products and packaging materials must be removed from the area or carefully protected. After using this product, surfaces must be thoroughly rinsed with potable water.

## SPECIFICATION DATA:

pH (concentrate) — 7.0-8.0
Density — 8.85 lbs./gal. @ 24°C/75°F
Specific Gravity — 1.063 @ 24°C/75°F
Viscosity — Water thin @ 24°C/75°F
Flash Point (Cleveland Open Cup) — None
Storage Stability —
a. Shelf @ 24°C/75°F - 1 year minimum
b. Accelerated @ 49°C/120°F -60 days minimum
c. Freeze/thaw cycle — Product will withstand a minimum of one freeze/thaw cycle.
Miscibility — Completely soluble in all proportions with hot or cold water
Rinsability — Rinses freely with hot or cold water and leaves no film.
VOC Compliant
Biodegradable

Each SparClean product is formulated to comply with various regulations. Consult Spartan's Letter of Guaranty for specifics.

MEMBER BSCAI www.bscai.org ISSA MEMBER K NSF

Distributed by

| PACKAGING | |
|---|---|
| 765955 | 55-gallon drum |
| 765905 | 5-gallon pail |
| 765904 | 1-gallon (4 per case) |
| 4802 | Clean on the Go® (4 — 2 liters) |

GUARANTEE: Spartan's modern manufacturing and laboratory control insure uniform quality. If dissatisfied with performance of product, any unused portion may be returned for credit within one year of the date of manufacture. Use product as directed and read all precautionary statements.

For institutional and industrial use only

© SCC 02'14 L7659

# Safety Data Sheet
# Spartan Chemical Company, Inc.

**Revision Date:** 08-Mar-2016

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier**

**Product Name:** **SPARCLEAN SURE STEP [59]**
**Product Number:** 7659
**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 2B

**GHS Label Elements**
**Signal Word:** **Warning**
**Symbols:** None
**Hazard Statements:** Causes eye irritation.
**Precautionary Statements:**
**Prevention:** Wash hands and any exposed skin thoroughly after handling.
**Response:**
**-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.
**-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.
- 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.
- 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 |
| sodium xylene sulfonate | 1300-72-7 | 5-10 |

| | | |
|---|---|---|
| alcohol ethoxylate | 68439-46-3 | 1-5 |
| tetrasodium ethylenediaminetetraacetate | 64-02-8 | 1-5 |
| lauramine oxide | 1643-20-5 | 1-5 |
| lipase | 9001-62-1 | <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. If eye irritation persists: Get medical attention.

**-Skin Contact:** Wash with soap and water. If skin irritation occurs: Get medical attention.

**-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

**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:** 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:** 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.

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

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Occupational Exposure Limits:** None established.

**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:** Wear splash goggles.

**Skin and Body Protection:** Not required with expected use.

**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

| | |
|---|---|
| **Appearance/Physical State:** | Liquid |
| **Color:** | No information available. |
| **Odor:** | No information available. |
| **pH:** | 7.0-8.0 |
| **Melting Point / Freezing Point:** | No information available. |
| **Boiling Point / Boiling Range:** | 100 °C / 212 °F |
| **Flash Point:** | > 100 °C / > 212 °F |
| **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:** | 1.063 |
| **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

**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 (CO2) and other toxic gases or vapors.

## 11. TOXICOLOGICAL INFORMATION

**Likely Routes of Exposure:** Eyes, Skin, Ingestion, Inhalation.
**Symptoms of Exposure:**
**-Eye Contact:** Pain, redness and swelling of the conjunctiva.
**-Skin Contact:** Drying 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): 9841 mg/kg
ATEmix (dermal): 57390 mg/kg

**Component Acute Toxicity Information**

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---|---|---|

| | | | |
|---|---|---|---|
| water<br>7732-18-5 | > 90 mL/kg ( Rat ) | Not Available | Not Available |
| sodium xylene sulfonate<br>1300-72-7 | = 7200 mg/kg ( Rat ) | Not Available | Not Available |
| alcohol ethoxylate<br>68439-46-3 | = 1378 mg/kg ( Rat ) | > 2 g/kg ( Rabbit ) | Not Available |
| tetrasodium ethylenediaminetetraacetate<br>64-02-8 | = 10 g/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 Microorganisms | Crustacea |
|---|---|---|---|---|
| tetrasodium ethylenediaminetetraacetate<br>64-02-8 | 1.01: 72 h Desmodesmus subspicatus mg/L EC50 | 41: 96 h Lepomis macrochirus mg/L LC50 static 59.8: 96 h Pimephales promelas mg/L LC50 static | Not Available | 610: 24 h Daphnia magna 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.

## 14. TRANSPORT INFORMATION

**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

**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 |

**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 | |

**Revision Date:** 08-Mar-2016
**Reasons for Revision:** Section 8

**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