# Safety Data Sheet
# Spartan Chemical Company, Inc.

**Revision Date:** 05-Feb-2026

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product identifier**

**Product Name:** **SPARCLEAN SUPER SUDS DISH DETERGENT [48]**
**Product Code:** 7648 , 7648I
**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

**Label elements**
**Signal word:** **Warning**
**Symbols:** None
**Hazard statements:** Causes eye irritation

**Precautionary Statements - Prevention:** Wash face, hands and any exposed skin thoroughly after handling
**Precautionary Statements - 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 advice/attention.
**-Specific Treatment:** See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.

**Precautionary Statements - Storage:** Not applicable.
**Precautionary Statements - Disposal:** Not applicable

**Hazards not otherwise classified (HNOC):** Not applicable

**Other hazards:**
- May be harmful if swallowed
- May cause skin irritation.
- Inhalation of vapors or mist may cause respiratory irritation.
- Keep out of reach of children

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical name | CAS No. | Weight-% |
|---|---|---|
| Water | 7732-18-5 | 65-85 |
| Sodium Laureth Sulfate | 9004-82-4 | 5-10 |
| Sodium (C14-16) Olefin Sulfonate | 68439-57-6 | 1-5 |
| Cocamide DIPA | 68855-69-6 | 1-5 |
| Alcohol | 64-17-5 | 1-5 |
| Lauramine Oxide | 1643-20-5 | 1-5 |
| Imidazolium Compounds | 68604-71-7 | 0.1-1 |
| Citric Acid | 77-92-9 | 0.1-1 |
| Tetrasodium EDTA | 64-02-8 | 0.1-1 |
| Terpineol | 98-55-5 | <0.1 |
| Fragrance | PROPRIETARY | <0.1 |
| 2,6-Dimethyl-7-Octen-2-ol | 18479-58-8 | <0.1 |
| Amyl Cinnamal | 122-40-7 | <0.1 |
| Acid Blue 9 | 3844-45-9 | <0.1 |
| Aloe Barbadensis Leaf Juice | 85507-69-3 | <0.1 |
| Methylchloroisothiazolinone | 26172-55-4 | <0.1 |
| Methylisothiazolinone | 2682-20-4 | <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 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 cleaning 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 container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep from freezing.

**Incompatible materials** Strong acids. Strong oxidizing agents. Sodium hypochlorite (or other hypochlorites).

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Occupational Exposure Limits:**

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH |
|---|---|---|---|
| Alcohol<br>64-17-5 | STEL: 1000 ppm | TWA: 1000 ppm<br>TWA: 1900 mg/m³<br>(vacated) TWA: 1000 ppm<br>(vacated) TWA: 1900 mg/m³ | IDLH: 3300 ppm<br>TWA: 1000 ppm<br>TWA: 1900 mg/m³ |

**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.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection:** Not required with expected use.
**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

**Information on basic physical and chemical properties**

**Physical state:** Liquid
**Color:** Blue
**Odor:** Pleasant
**Odor Threshold:** No information available

| Property | Values | Remarks • Method |
|---|---|---|
| **pH:** | 6.5-7.5 | |
| **Melting Point / Freezing Point:** | No data 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 data available | No information available |
| **Flammability Limits in Air:** | | No information available |
| **Upper Flammability Limit:** | No data available | |
| **Lower Flammability Limit:** | No data available | |
| **Vapor Pressure:** | No data available | No information available |
| **Vapor Density:** | No data available | No information available |
| **Relative Density:** | 1.016 | |
| **Solubility(ies):** | Soluble in water | |
| **Partition Coefficient:** | No data available | No information available |
| **Autoignition Temperature:** | Not applicable | |
| **Decomposition Temperature:** | Not applicable | |
| **Kinematic Viscosity:** | No information available | No information available |
| **Particle characteristics:** | Not applicable | |

## 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.
Target organ effects: Blood. Central nervous system. Eyes. Liver. Reproductive system. Respiratory system. Skin.

**Acute toxicity**
**Numerical measures of toxicity:**
The following values are calculated based on chapter 3.1 of the GHS document
ATEmix (oral) 12,151.80 mg/kg
ATEmix (dermal) 24,000.60 mg/kg
ATEmix (inhalation-dust/mist) 6,021.343 mg/l

**Component Information:**

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---|---|---|
| Water<br>7732-18-5 | > 90 mL/kg ( Rat ) | - | - |
| Sodium Laureth Sulfate<br>9004-82-4 | = 1600 mg/kg ( Rat ) | - | - |
| Sodium (C14-16) Olefin Sulfonate<br>68439-57-6 | = 2220 mg/kg ( Rat ) | > 740 mg/kg ( Rabbit ) | > 52 mg/L ( Rat ) 4 h |
| Alcohol<br>64-17-5 | = 7060 mg/kg ( Rat ) | - | = 116.9 mg/L ( Rat ) 4 h<br>= 133.8 mg/L ( Rat ) 4 h |
| Citric Acid<br>77-92-9 | = 3 g/kg ( Rat ) | > 2000 mg/kg ( Rat ) | - |
| Tetrasodium EDTA<br>64-02-8 | = 1658 mg/kg ( Rat ) | - | - |
| Terpineol<br>98-55-5 | = 5170 mg/kg ( Rat ) | > 2000 mg/kg ( Rat ) | - |
| 2,6-Dimethyl-7-Octen-2-ol<br>18479-58-8 | = 3600 mg/kg ( Rat ) | > 5 g/kg ( Rabbit ) | - |
| Amyl Cinnamal<br>122-40-7 | = 3730 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | - |
| Acid Blue 9<br>3844-45-9 | > 10000 mg/kg ( Rat ) | - | - |
| Methylchloroisothiazolinone<br>26172-55-4 | = 481 mg/kg ( Rat ) | - | = 1.23 mg/L ( Rat ) 4 h |
| Methylisothiazolinone<br>2682-20-4 | 232 - 249 mg/kg ( Rat )<br>= 120 mg/kg ( Rat ) | = 200 mg/kg ( Rabbit ) | = 0.11 mg/L ( Rat ) 4 h |

**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 |
|---|---|---|---|---|
| Sodium (C14-16) Olefin Sulfonate 68439-57-6 | - | LC50: 1.0 - 10.0mg/L (96h, Brachydanio rerio) LC50: =12.2mg/L (96h, Brachydanio rerio) | - | - |
| Alcohol 64-17-5 | - | LC50: 12.0 - 16.0mL/L (96h, Oncorhynchus mykiss) LC50: >100mg/L (96h, Pimephales promelas) LC50: 13400 - 15100mg/L (96h, Pimephales promelas) | - | LC50: 9268 - 14221mg/L (48h, Daphnia magna) EC50: =2mg/L (48h, Daphnia magna) |
| Lauramine Oxide 1643-20-5 | - | LC50: =134mg/L (96h, Danio rerio) | - | - |
| Citric Acid 77-92-9 | - | LC50: =1516mg/L (96h, Lepomis macrochirus) | - | - |
| Tetrasodium EDTA 64-02-8 | - | LC50: =41mg/L (96h, Lepomis macrochirus) LC50: =59.8mg/L (96h, Pimephales promelas) | - | - |
| Methylchloroisothiazolinone 26172-55-4 | EC50: 0.11 - 0.16mg/L (72h, Pseudokirchneriella subcapitata) EC50: 0.03 - 0.13mg/L (96h, Pseudokirchneriella subcapitata) | LC50: =1.6mg/L (96h, Oncorhynchus mykiss) | - | EC50: =4.71mg/L (48h, Daphnia magna) EC50: 0.12 - 0.3mg/L (48h, Daphnia magna) EC50: 0.71 - 0.99mg/L (48h, Daphnia magna) |

**Persistence and Degradability:** No information available.
**Bioaccumulation:** No information available.

**Mobility in Soil:** No information available
**Other adverse effects:** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues/unused products:** 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** (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 hazards:** - |
| **HMIS** | **Health hazards:** 1 | **Flammability:** 0 | **Physical hazards:** 0 | |

**Revision Date:** 05-Feb-2026
**Revision Note:** Section, 2, 3, 7, 9, 11, 12

**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**