



Safety Data Sheet

Spartan Chemical Company, Inc.

Revision Date: 25-Feb-2022

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: PLUS 5 CARPET SHAMPOO
Product Number: 3005
Recommended Use: Carpet cleaner
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

Skin Corrosion/Irritation: Category 2
Serious Eye Damage/Eye Irritation: Category 2A

GHS Label Elements

Signal Word:

Symbols:

Warning



Hazard Statements: Causes skin irritation
Causes serious eye irritation

Precautionary Statements:

Prevention: Wash hands and any exposed skin thoroughly after handling.
Wear eye / face protection
Wear protective gloves

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.
-Skin IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse.
-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.
- Keep out of reach of children

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% |
|-----------------------------|-------------|----------|
| Water | 7732-18-5 | 60-100 |
| Sodium Lauryl Sulfate | 151-21-3 | 3-7 |
| Pentasodium Triphosphate | 7758-29-4 | 3-7 |
| Sodium Xylenesulfonate | 1300-72-7 | 1-5 |
| Acrylate Copolymer | PROPRIETARY | 1-5 |
| Amyl Acetate | 628-63-7 | 0.1-1 |
| 2-Methylbutyl Acetate | 624-41-9 | 0.1-1 |
| Sodium Hydroxide | 1310-73-2 | 0.1-1 |
| Citric Acid | 77-92-9 | 0.1-1 |
| Ammonium Hydroxide | 1336-21-6 | 0.1-1 |
| 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 plenty of soap and water. Take off contaminated clothing and wash before reuse. 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. |
| Suggested Shelf Life: | Minimum of 2 years from date of manufacture. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH |
|-----------------------------------|------------------------------|--|--|
| Amyl Acetate 628-63-7 | STEL: 100 ppm TWA: 50 ppm | TWA: 100 ppm TWA: 525 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 525 mg/m ³ | IDLH: 1000 ppm TWA: 100 ppm TWA: 525 mg/m ³ |
| 2-Methylbutyl Acetate 624-41-9 | STEL: 100 ppm TWA: 50 ppm | - | - |
| Sodium Hydroxide 1310-73-2 | Ceiling: 2 mg/m ³ | TWA: 2 mg/m ³ (vacated) Ceiling: 2 mg/m ³ | IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³ |

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: 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

| | |
|--|------------------------------|
| Appearance/Physical State: | Liquid |
| Color: | Yellow |
| Odor: | Banana fragrance |
| pH: | 9.7-10.0 |
| 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: | 1.058 |
| 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 (CO ₂) and other toxic gases or vapors. |

11. TOXICOLOGICAL INFORMATION

| | |
|--|--|
| 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): | 12857 mg/kg |
| ATEmix (dermal): | 9241 mg/kg |
| ATEmix (inhalation-dust/mist): | 25.4 mg/l |

Component Acute Toxicity Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|----------------------|-------------------------|--------------------------------------|
| Water 7732-18-5 | > 90 mL/kg (Rat) | Not Available | Not Available |
| Sodium Lauryl Sulfate 151-21-3 | = 1288 mg/kg (Rat) | = 200 mg/kg (Rabbit) | > 3900 mg/m ³ (Rat) 1 h |
| Pentasodium Triphosphate 7758-29-4 | = 3120 mg/kg (Rat) | > 7940 mg/kg (Rabbit) | Not Available |
| Sodium Xylenesulfonate 1300-72-7 | = 1000 mg/kg (Rat) | Not Available | Not Available |
| Sodium Hydroxide 1310-73-2 | Not Available | = 1350 mg/kg (Rabbit) | Not Available |
| Citric Acid 77-92-9 | = 3 g/kg (Rat) | Not Available | Not Available |
| Ammonium Hydroxide 1336-21-6 | = 350 mg/kg (Rat) | Not Available | Not Available |
| Methylchloroisothiazolinone 26172-55-4 | = 481 mg/kg (Rat) | Not Available | = 1.23 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 Lauryl Sulfate 151-21-3 | 53: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 30 - 100: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50 117: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 3.59 - 15.6: 96 h | 8 - 12.5: 96 h <i>Pimephales promelas</i> mg/L LC50 static 15 - 18.9: 96 h <i>Pimephales promelas</i> mg/L LC50 static 22.1 - 22.8: 96 h <i>Pimephales promelas</i> mg/L LC50 static 4.3 - 8.5: 96 h | Not Available | 1.8: 48 h <i>Daphnia magna</i> mg/L EC50 |

| | | | | |
|--|--|---|---------------|---|
| | Pseudokirchneriella subcapitata mg/L EC50 static | Oncorhynchus mykiss mg/L LC50 static 4.62: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 5.8 - 7.5: 96 h Pimephales promelas mg/L LC50 static 10.2 - 22.5: 96 h Pimephales promelas mg/L LC50 semi-static 6.2 - 9.6: 96 h Pimephales promelas mg/L LC50 13.5 - 18.3: 96 h Poecilia reticulata mg/L LC50 semi-static 10.8 - 16.6: 96 h Poecilia reticulata mg/L LC50 static 1.31: 96 h Cyprinus carpio mg/L LC50 semi-static 4.2: 96 h Oncorhynchus mykiss mg/L LC50 7.97: 96 h Brachydanio rerio mg/L LC50 flow-through 9.9 - 20.1: 96 h Brachydanio rerio mg/L LC50 semi-static 4.06 - 5.75: 96 h Lepomis macrochirus mg/L LC50 static 4.2 - 4.8: 96 h Lepomis macrochirus mg/L LC50 flow-through 4.5: 96 h Lepomis macrochirus mg/L LC50 | | |
| Amyl Acetate 628-63-7 | Not Available | 650: 96 h Lepomis macrochirus mg/L LC50 static | Not Available | Not Available |
| Sodium Hydroxide 1310-73-2 | Not Available | 45.4: 96 h Oncorhynchus mykiss mg/L LC50 static | Not Available | Not Available |
| Citric Acid 77-92-9 | Not Available | 1516: 96 h Lepomis macrochirus mg/L LC50 static | Not Available | Not Available |
| Ammonium Hydroxide 1336-21-6 | Not Available | 8.2: 96 h Pimephales promelas mg/L LC50 | Not Available | 0.66: 48 h water flea mg/L EC50 0.66: 48 h Daphnia pulex mg/L EC50 |
| Methylchloroisothiazolinone 26172-55-4 | 0.11 - 0.16: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 0.03 - 0.13: 96 h Pseudokirchneriella subcapitata mg/L EC50 static | 1.6: 96 h Oncorhynchus mykiss mg/L LC50 semi-static | Not Available | 4.71: 48 h Daphnia magna mg/L EC50 0.12 - 0.3: 48 h Daphnia magna mg/L EC50 Flow through 0.71 - 0.99: 48 h Daphnia magna mg/L EC50 Static |

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: 25-Feb-2022

Reasons for Revision: Section, 9

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