1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier
Product Name: PEROXY II FBC ANTIBACTERIAL FOAMING BATH & SURFACE CLEANER
Product Number: 3535, 3536
Recommended Use: Disinfectant
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
Skin Sensitization: Category 1

GHS Label Elements
Signal Word: Warning
Symbols:

Hazard Statements: Causes skin irritation. Causes serious eye irritation May cause an allergic skin reaction

Precautionary Statements: Prevention:
- Wash hands and any exposed skin thoroughly after handling.
- Wear eye / face protection
- Wear protective gloves
- Avoid breathing dust/fume/gas/mist/vapors/spray
- Contaminated work clothing should not be allowed out of the workplace

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. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical attention.
- 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

Other Information:
- May be harmful if swallowed.
- Inhalation of vapors or mist may cause respiratory irritation.
- Keep out of reach of children.
- Contains hydrogen peroxide. Ingestion may result in distention of esophagus and stomach.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>60-100</td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>7722-84-1</td>
<td>1-5</td>
</tr>
<tr>
<td>Citric Acid</td>
<td>77-92-9</td>
<td>1-5</td>
</tr>
<tr>
<td>PPG-2 Propyl Ether</td>
<td>29911-27-1</td>
<td>0.1-1</td>
</tr>
<tr>
<td>Undeceth-3</td>
<td>34398-01-1</td>
<td>0.1-1</td>
</tr>
<tr>
<td>Tetrapotassium Pyrophosphate</td>
<td>7320-34-5</td>
<td>0.1-1</td>
</tr>
<tr>
<td>Ethanol, 2,2'-Iminobis-, N-[3-(Branched Decyloxy)propyl] Derivs., N-Oxides</td>
<td>68478-65-9</td>
<td>0.1-1</td>
</tr>
<tr>
<td>Limonene</td>
<td>5989-27-5</td>
<td>0.1-1</td>
</tr>
<tr>
<td>Lauramidropylamide Oxide</td>
<td>61792-31-2</td>
<td>0.1-1</td>
</tr>
<tr>
<td>Poly(oxy-1,2-ethanediyl) a,a-[[[3-(decyloxy)propyl]methyliminio]di-2,1-ethanediyl]bis[w-hydroxy-.branched.chlorides]</td>
<td>68478-94-4</td>
<td>0.1-1</td>
</tr>
<tr>
<td>Myristamidopropylamine Oxide</td>
<td>67806-10-4</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>7-Octen-2-ol, 2-Methyl-6-Methylene-, Dihydro Deriv.</td>
<td>53219-21-9</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>Isopropyl Myristate</td>
<td>110-27-0</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>Hexamethylindanopyran</td>
<td>1222-05-5</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>Linalyl Acetate</td>
<td>115-95-7</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>Terpineol</td>
<td>98-55-5</td>
<td>&lt;0.1</td>
</tr>
</tbody>
</table>

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 or rash 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:** Contains hydrogen peroxide. Ingestion may result in distention of esophagus and stomach.

### 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:** Combustion products are toxic. Releases oxygen when heated to decomposition which may intensity fire.

**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.

Incompatible Materials:  Sodium hypochlorite (or other hypochlorites).

Suggested Shelf Life:  1 year from date of manufacture.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide</td>
<td>TWA: 1 ppm</td>
<td>TWA: 1 ppm; TWA: 1.4 mg/m³</td>
<td>IDLH: 75 ppm; TWA: 1 ppm; TWA: 1.4 mg/m³</td>
</tr>
</tbody>
</table>

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</tbody>
</table>

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.

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: Sodium hypochlorite (or other hypochlorites).
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, swelling of the conjunctiva and blurred vision.
- Skin Contact: Pain, redness and cracking of the skin. May cause sensitization by skin contact.
- 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): 33390 mg/kg
- ATEmix (dermal): 97438 mg/kg
- ATEmix (inhalation-dust/mist): 97 mg/l

Component Acute Toxicity Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water 7732-18-5</td>
<td>&gt; 90 mL/kg (Rat)</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Hydrogen Peroxide 7722-84-1</td>
<td>= 1518 mg/kg (Rat)</td>
<td>= 2000 mg/kg (Rabbit) = 4060 mg/kg (Rat)</td>
<td>= 2 g/m³ (Rat) 4 h</td>
</tr>
<tr>
<td>Citric Acid 77-92-9</td>
<td>= 3 g/kg (Rat)</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Chemical Name</td>
<td>Algae/Aquatic Plants</td>
<td>Fish</td>
<td>Toxicity to Microorganisms</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>----------------------</td>
<td>-------------------------------------------</td>
<td>----------------------------</td>
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<tr>
<td>Hydrogen Peroxide 7722-84-1</td>
<td>Not Available</td>
<td>16.4: 96 h Pimephales promelas mg/L LC50 48.6; 96 h Lepomis macrochirus mg/L LC50 static 10.0 - 32.0: 96 h Oncorhynchus mykiss mg/L LC50 static</td>
<td>Not Available</td>
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<tr>
<td>Citric Acid 77-92-9</td>
<td>Not Available</td>
<td>1516: 96 h Lepomis macrochirus mg/L LC50 static</td>
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<tr>
<td>Tetrapotassium Pyrophosphate 7320-34-5</td>
<td>Not Available</td>
<td>100: 96 h Oncorhynchus mykiss mg/L LC50</td>
<td>Not Available</td>
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<tr>
<td>Limonene 5989-27-5</td>
<td>Not Available</td>
<td>0.619 - 0.796: 96 h Pimephales promelas mg/L LC50 flow-through 35: 96 h Oncorhynchus mykiss mg/L LC50</td>
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<tr>
<td>Isopropyl Myristate 110-27-0</td>
<td>100: 72 h Desmodesmus subspicatus mg/L EC50</td>
<td>8400: 96 h Brachydanio rerio mg/L LC50 semi-static 8400: 96 h Brachydanio rerio mg/L LC50</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

**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**

**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

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Yes</th>
<th>No</th>
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<tbody>
<tr>
<td>Acute Health Hazard</td>
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<tr>
<td>Chronic Health Hazard</td>
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<tr>
<td>Fire Hazard</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sudden release of pressure hazard</td>
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<td></td>
</tr>
<tr>
<td>Reactive Hazard</td>
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</table>

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

EPA Pesticide Registration Number: 5741-26

EPA Statement:
This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

EPA Pesticide Label:
CAUTION: Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. For sensitive skin or prolonged exposure, wear gloves. Harmful if inhaled. Avoid breathing vapor or mist. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

16. OTHER INFORMATION

NFPA

<table>
<thead>
<tr>
<th>Section</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special</th>
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<tr>
<td></td>
<td>1</td>
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HMIS

<table>
<thead>
<tr>
<th>Section</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazards</th>
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<tbody>
<tr>
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Revision Date: 11-Sep-2019
Reasons for Revision: Section, 2, 3, 7, 11, and, 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