



# Spartan Chemical Company, Inc.

## Material Safety Data Sheet

### SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):

**CLEAN BY PEROXY**

Product Number: 0035

Product Division:

**Janitorial**

Spartan Chemical Company, Inc.  
1110 Spartan Drive  
Maumee OH 43537

Product/Technical Information: 1-(800)-537-8990

Medical Emergency: 1-(888)-314-6171 (24 hours)

Chemical Leak/Spill Emergency: CHEMTREC 1-(800) 424-9300 (24 hours)

Shipping Description: Non-Hazardous Products

| NFPA Ratings:  | HMIS Ratings:  |
|--|--|
| Health: 2 - Moderate<br>Fire: 0 - Minimal<br>Reactivity: 1- Slight | Health: 2 - Moderate<br>Fire: 0 - Minimal<br>Reactivity: 1- Slight<br>Pers. Prot. Equip.: See Section VIII |

### SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

| Chemical Name(s)   | %Wt   | CAS Registry No. | Table Z-1-A           |                        |                           | NTP, IARC or OSHA Carcinogen |
|--------------------|-------|------------------|-----------------------|------------------------|---------------------------|------------------------------|
|                    |       |                  | TWA mg/m <sup>3</sup> | STEL mg/m <sup>3</sup> | CEILING mg/m <sup>3</sup> |                              |
| Alcohol ethoxylate | 1-5   | 34398-01-1       | Not Established       | Not Established        | Not Established           | No                           |
| Hydrogen peroxide  | 1-5   | 7722-84-1        | 1.4                   | Not Established        | Not Established           | No                           |
| Alcohol ethoxylate | 1-5   | 68439-46-3       | Not Established       | Not Established        | Not Established           | No                           |
| Quaternary amine   | 1-5   | 68478-94-4       | Not Established       | Not Established        | Not Established           | No                           |
| Fragrance          | < 1.0 | Proprietary      | Not Established       | Not Established        | Not Established           | No                           |

### SECTION III: PHYSICAL DATA

|  |  |
|--|--|
| Boiling Point: 210-212 °F                          | Vapor Pressure: Undetermined                 |
| Vapor Density (AIR = 1): Unknown                   | Solubility in Water: Complete                |
| pH: Undiluted: 2.1-3.0<br>Diluted 1:64: 3.0-4.0    | Specific Gravity (H <sub>2</sub> O=1): 1.014 |
| Evaporation Rate (but.ace.=1): <1                  | Percent Solid by Weight: 5-10                |
| Physical State: Liquid                             |  |
| Appearance & Odor: Pale blue liquid, pleasant odor |  |

### SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

|  |                       |
|--|-----------------------|
| Flash Point: > 212°F   | Method Used: ASTM-D56 |
| Flammable Limits: Not Established  | Flame Extension: N/A  |
| Extinguishing Media: Product does not support combustion. Use extinguishing media appropriate for surrounding fire.  |                       |
| Special Fire Fighting Procedures: Wear NIOSH approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray. |                       |
| Unusual Fire & Explosive Hazards: Combustion products are toxic. Releases oxygen when burned.  |                       |

**SECTION V: HEALTH HAZARD DATA**

|                               |   |                          |                                       |
|-------------------------------|---|--------------------------|---------------------------------------|
| Threshold Limit Value:        | Not Established   | Primary Routes of Entry: | Inhalation, Skin Contact, Eyes & Oral |
| Effects of Overexposure:      | <b>Causes eye irritation:</b> Symptoms may include pain, redness, swelling and possible tissue damage.  |                          |                                       |
| Conditions to Avoid:          | <b>Causes skin irritation:</b> Symptoms may include pain, redness and swelling.<br><b>May be harmful if swallowed:</b> Symptoms may include nausea, vomiting, pain and diarrhea.<br><b>Breathing product mist may cause respiratory irritation:</b> Symptoms may include coughing and difficulty breathing.<br><b>Do not get in eyes, on skin, or on clothing. Avoid breathing product mist. Do not swallow. Use with adequate ventilation. Wash thoroughly after handling.</b> |                          |                                       |
| Conditions Aggravated by Use: | Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.  |                          |                                       |

**Emergency & First Aid Procedures:**

|             |   |
|-------------|---|
| Eyes:       | Flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention.  |
| Skin:       | Remove contaminated clothing. Rinse skin immediately with plenty of water for at least 15 minutes. Get medical attention if irritation persists. Wash contaminated clothing before reuse. |
| Ingestion:  | Do not induce vomiting. Drink one or two glasses of water to dilute product. Do not give anything by mouth to an unconscious person.  |
| Inhalation: | Move person to fresh air. Get medical attention if irritation persists.   |

Note to Physician: Contains hydrogen peroxide. Ingestion may result in distention of the esophagus and stomach

**SECTION VI: REACTIVITY DATA**

|                                   |                             |                           |   |
|-----------------------------------|-----------------------------|---------------------------|---|
| Stability:                        | Stable                      | Incompatible Materials:   | Metals; metal ions; organic materials; hypochlorites and oxidizable materials |
| Hazardous Decomposition Products: | Oxygen, CO, CO <sub>2</sub> | Hazardous Polymerization: | Will Not Occur  |

**SECTION VII: SPILL OR LEAK PROCEDURES**

|  |  |
|--|--|
| Steps to be Taken in Case Material is Released or Spilled: | Small spills of one gallon or less may be flushed with plenty of water to sanitary sewer system (If permitted by local sewer regulations). Dike and contain large spills with inert material and transfer liquid to containers for disposal. Keep spill out of storm sewers and waterways. |
| Waste Disposal Method:                                     | Dispose of in compliance with all federal, state and local laws and regulations.   |

**SECTION VIII: SPECIAL PROTECTION INFORMATION**

|                                  |   |
|----------------------------------|---|
| Respiratory Protection:          | Not normally required when good general ventilation is provided. However, if exposure limits (see Section II) are exceeded or respiratory irritation occurs, use of a NIOSH approved respirator suitable for the use-conditions and chemicals in Section II should be considered. |
| Ventilation:                     | Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.   |
| Protective Gloves(Specify Type): | Rubber or other impervious gloves are recommended.  |
| Eye Protection(Specify Type):    | Splash goggles are recommended to prevent eye contact.  |
| Other Protective Equipment:      | For further reference see 29 CFR 1910.132-138.  |

**SECTION IX: SPECIAL PRECAUTIONS**

|                                  |  |
|----------------------------------|--|
| Precautions; Handling & Storing: | Do not use with other chemicals. Mixtures of this product with other chemicals, particularly those containing chlorine (hypochlorite) bleach, may result in the production of toxic gases. |
| Other Precautions:               | Keep out of reach of children.   |

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**CLEAN BY PEROXY**

Ref: 29 CFR 1910.1200 (OSHA)

Name: Ronald T. Cook

Effective Date: 08/20/2010

Changes: Formula revision

Title: Manager, Regulatory Affairs

Supercedes: 02/05/2010

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