



## Spartan Chemical Company, Inc.

### Material Safety Data Sheet

#### SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):  
**TNT FOAMING DISINFECTANT CLEANER**  
Product Number: 6343

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/Spil Emergency: **CHEMTREC 1-(800) 424-9300 (24 hours)**

Shipping Description: ORM-D, Consumer commodity, cleaning compounds, aerosol, n.o.s.

| NFPA Ratings:   | HMIS Ratings:   |
|---|---|
| <b>Health:</b> 1 - Slight<br><b>Fire:</b> 0 - Minimal<br><b>Reactivity:</b> 0 - Minimal | <b>Health:</b> *1 - Slight; Chronic Hazard<br><b>Fire:</b> 0 - Minimal<br><b>Reactivity:</b> 0 - Minimal<br><b>Pers. Prot. Equip.:</b> 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<br>Registry<br>No. | Table Z-1-A              |                           |                              | NTP, IARC<br>or OSHA<br>Carcinogen |
|--|-------|------------------------|--------------------------|---------------------------|------------------------------|------------------------------------|
|  |       |                        | TWA<br>mg/m <sup>3</sup> | STEL<br>mg/m <sup>3</sup> | CEILING<br>mg/m <sup>3</sup> |                                    |
| Isobutane  | 1-5   | 75-28-5                | 1900 (NIOSH)             | Not Established           | Not Established              | No                                 |
| *2-Butoxyethanol                                 | 1-5   | 111-76-2               | 120 [skin]               | Not Established           | Not Established              | No                                 |
| Tetrapotassium pyrophosphate                     | 1-5   | 7320-34-5              | Not Established          | Not Established           | Not Established              | No                                 |
| Alkyl dimethyl benzyl ammonium<br>chloride       | < 1.0 | 68391-01-5             | Not Established          | Not Established           | Not Established              | No                                 |
| Alkyl dimethyl ethyl benzyl<br>ammonium chloride | < 1.0 | 68956-79-6             | Not Established          | Not Established           | Not Established              | No                                 |
|  | -     | -                      | -                        | -                         | -                            | -                                  |

Comment: \*This substance is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (SARA) and of 40 CFR 372.

#### SECTION III: PHYSICAL DATA

|  |   |
|--|---|
| Boiling Point: (Concentrate) 210 °F              | Vapor Pressure: Unknown                     |
| Vapor Density (AIR = 1): Unknown                 | Solubility in Water: Complete               |
| pH: 10.5-11.0                                    | Specific Gravity (H <sub>2</sub> O=1): 1.01 |
| Evaporation Rate (but.ace.=1): <1                | Percent Solid by Weight: 1-2                |
| Physical State: Pressurized liquid (Aerosol can) |   |
| Appearance & Odor: Foam spray, mint fragrance    |   |

#### SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

|  |   |
|--|---|
| Flash Point: Propellant: < 0°F   | Method Used: Estimate                                 |
| Flammable Limits: Not Established  | Flame Extension: 0 Inches<br>NFPA 30B Level 1 Aerosol |
| Extinguishing Media: Carbon dioxide, dry chemical, water fog, foam.  |   |
| Special Fire Fighting Procedures: Water may be used to cool closed containers to prevent pressure build-up and possible rupture when exposed to heat. Wear a full face positive pressure self contained breathing apparatus when fighting fires. |   |
| Unusual Fire & Explosive Hazards: Product vapor may travel along the ground or pool in low areas and be ignited by pilot lights, other flames, sparks, heaters, smoking, electrical motors, static electricity or other ignition sources.        |   |

**SECTION V: HEALTH HAZARD DATA**

|  |  |                          |  |
|--|--|--------------------------|--|
| Threshold Limit Value:                           | Not Established  | Primary Routes of Entry: | Inhalation, Skin Contact, Eyes and Ingestion |
| Effects of Overexposure-<br>Conditions to Avoid: | <b>Causes moderate eye irritation. Harmful if absorbed through the skin. May be harmful if swallowed. Inhalation may cause respiratory irritation.</b><br><u>Contains 2-butoxyethanol</u> which may cause central nervous system depression with symptoms such as headache; dizziness; nausea and drowsiness. Exposure to 2-butoxyethanol may cause blood cell; liver and kidney damage based on animal data.<br><b>Avoid contact with eyes, skin or clothing. Do not swallow. Avoid breathing product mist. Wash thoroughly with soap and water 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:       | Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses; If present after the first 5 minutes; then continue rinsing eye. Call a poison control center or doctor for treatment advice. |
| Skin:       | Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Get medical attention if irritation persists.   |
| Ingestion:  | Do not induce vomiting. Drink one or two glasses of water to dilute product. Get medical attention. Do not give anything by mouth to an unconscious person.  |
| Inhalation: | In case of respiratory irritation; move person to fresh air. Get medical attention if irritation persists.   |

**SECTION VI: REACTIVITY DATA**

|                                   |        |                           |                  |
|-----------------------------------|--------|---------------------------|------------------|
| Stability:                        | Stable | Incompatible Materials:   | Strong oxidizers |
| Hazardous Decomposition Products: | None   | Hazardous Polymerization: | Will Not Occur   |

**SECTION VII: SPILL OR LEAK PROCEDURES**

|   |   |
|---|---|
| Steps to be Taken in Case<br>Material is Released or Spilled: | Flush with water to sanitary sewer. Keep spill out of storm sewers and waterways.                                     |
| Waste Disposal Method:  | Do not puncture or incinerate aerosol containers. Dispose of in accordance with federal, state and local 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 if 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 gloves are recommended.   |
| Eye Protection(Specify Type):    | Splash goggles or safety glasses are recommended.  |
| Other Protective Equipment:      | See 29 CFR 1910.132-138  |

**SECTION IX: SPECIAL PRECAUTIONS**

|                                  |   |
|----------------------------------|---|
| Precautions; Handling & Storing: | Contents under pressure. Do not use near fire, sparks or flame. Do not store where temperatures could exceed 120 F. Do not puncture or incinerate container. Keep out of reach of children. |
| Other Precautions:               | California Proposition 65 Warning: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.                           |

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**TNT FOAMING DISINFECTANT  
CLEANER**

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Ref: 29 CFR 1910.1200 (OSHA)

Changes: Update Sections I, II, III, IV, V, VIII & IX

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