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## Spartan Chemical Company, Inc.

### Material Safety Data Sheet

#### SECTION I: PRODUCT INFORMATION

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

**FOAMY Q&A**

Product Number: 3200; 3202

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

Product Division:

**Janitorial**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: Disinfectants, liquid, n.o.s.	
<b>NFPA Ratings:</b>	<b>HMIS Ratings:</b>
<b>Health:</b> 3 - Serious	<b>Health:</b> *3 - Serious; Chronic Hazard
<b>Fire:</b> 0 - Minimal	<b>Fire:</b> 0 - Minimal
<b>Reactivity:</b> 0 - Minimal	<b>Reactivity:</b> 0 - Minimal
	<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)	% W	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>	
Phosphoric acid	10-15	7664-38-2	1	3 (NIOSH)	Not Established	No
Hydroxyacetic acid	1-5	79-14-1	Not Established	Not Established	Not Established	No
*2-Butoxyethanol	1-5	111-76-2	120 [skin]	Not Established	Not Established	No
Nonyl phenol ethoxylate	1-5	9016-45-9	Not Established	Not Established	Not Established	No
Cocoamidopropyl hydroxysultaine	1-5	70851-08-0	Not Established	Not Established	Not Established	No
Alkyl dimethyl benzyl ammonium chloride	< 1	68424-85-1	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

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[and Misc. Parts](#)

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Boiling Point:	200-210 °F	Vapor Pressure:	Undetermined
Vapor Density (AIR = 1):	Unknown	Solubility in Water:	Complete
pH:	< 2	Specific Gravity (H <sub>2</sub> O=1):	1.09
Evaporation Rate (but.ace.=1):	<1	Percent Solid by Weight:	15-25
Physical State:	Liquid		
Appearance & Odor:	Purple liquid, Citrus/floral fragrance		

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

Flash Point:	> 200°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.		

**SECTION V: HEALTH HAZARD DATA**

Threshold Limit Value:	Not Established	Primary Routes of Entry:	Inhalation, Skin Contact, Eyes & Oral
Effects of Overexposure- Conditions to Avoid:	<p><b>CORROSIVE.</b>  <b>CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS:</b> Symptoms may include pain, redness, swelling and tissue damage. Harmful if absorbed through the skin.  <b>MAY BE FATAL IF SWALLOWED.</b> Symptoms may include nausea, vomiting, pain and diarrhea.  <b>INHALATION OF SPRAY MIST MAY CAUSE RESPIRATORY IRRITATION.</b>  Breathing spray mist may cause coughing and difficulty breathing.  Contains 2-butoxyethanol 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.  <b>Do not get in eyes on skin or clothing. Do not swallow. Avoid breathing product mist.</b>  <b>Wash thoroughly with soap and water after handling.</b></p>		
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 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. Call a poison control center or doctor for treatment advice. Wash contaminated clothing before reuse.
Ingestion:	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. 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 alkalis; hypochlorites (bleach) ammonia; cyanides.
Hazardous Decomposition Products:	Heating to decomposition yields toxic fumes of phosphorus pentoxide. CO, CO <sub>2</sub> H	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 recovery or disposal.
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 neoprene gloves are recommended.
Eye Protection(Specify Type):	Splash goggles are recommended to prevent eye contact.
Other Protective Equipment:	Acid resistant aprons and boots are recommended where body or foot contact is likely. Eye wash stations and washing facilities should be readily accessible. See 29 CFR 1910.132-138.

#### ▼ SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Do not contaminate water, food or feed by storage or disposal. Keep from freezing.
Other Precautions:	Keep out of reach of children.

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FOAMY Q&A

Name: Ronald T. Cook  
Effective 12/14/2005  
Date:

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