



## Spartan Chemical Company, Inc. Material Safety Data Sheet

### SECTION I: PRODUCT INFORMATION

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

**DFP-32**

Product Number: 3008

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 Fire: 0 - Minimal Reactivity: 0 - Minimal	Health: 2 - Moderate Fire: 0 - Minimal Reactivity: 0 - Minimal 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	68439-46-3	Not Established	Not Established	Not Established	No
Isopropyl alcohol	1-5	67-63-0	980	1225	Not Established	No
Sodium carbonate	1-5	497-19-8	Not Established	Not Established	Not Established	No
Coco-betaine	1-5	68424-94-2	Not Established	Not Established	Not Established	No
Didecyl dimethyl ammonium chloride	1-5	7173-51-5	Not Established	Not Established	Not Established	No
	-	-	-	-	-	-

### SECTION III: PHYSICAL DATA

Boiling Point: > 212 °F	Vapor Pressure: Unknown
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 12.4-12.8	Specific Gravity (H <sub>2</sub> O=1): 1.02
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 15-18
Physical State: Liquid	
Appearance & Odor: Clear pink liquid, mild odor	

### SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: > 212°F	Method Used: ASTM-D56
Flammable Limits: N/A	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:	<b>Causes eye irritation:</b> Symptoms may include pain, redness and swelling of the conjunctiva. <b>Causes skin irritation:</b> Symptoms may include redness, pain and swelling. <b>Harmful if swallowed:</b> Symptoms may include pain, nausea, vomiting and diarrhea. <b>Breathing product mist may cause respiratory irritation:</b> Symptoms may include nasal discomfort and coughing. <b>Avoid contact with eyes, skin and clothing. Avoid breathing product mists. 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.		
<b>Emergency &amp; First Aid Procedures:</b>			
	Eyes:	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses. Get medical attention.	
	Skin:	Remove contaminated clothing. Flush skin with 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. 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 acids and oxidizing agents
Hazardous Decomposition Products:	None known	Hazardous Polymerization:	Will Not Occur

**SECTION VII: SPILL OR LEAK PROCEDURES**

Steps to be Taken in Case Material is Released or Spilled:	Dike and contain spill with inert material (sand, earth, commercial absorbent, etc.) and transfer to containers for disposal. Rinse area with water and flush to sanitary sewer. 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 required when good ventilation is provided.
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:	See 29 CFR 1910.132-138 for further reference.

**SECTION IX: SPECIAL PRECAUTIONS**

Precautions; Handling & Storing:	Keep container closed when not in use. Store in a cool, dry area. Do not mix with other chemicals.
Other Precautions:	Keep out of reach of children.

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**DFP-32**

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Changes: Shipping Description

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