



Spartan Chemical Company, Inc.

Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

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

NABC PLUS IV

Product Number: 3300; 3310

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: Cleaning compounds, liquid, n.o.s.

NFPA Ratings:	HMIS Ratings:
Health: 1- Slight Fire: 0 - Minimal Reactivity: 0 - Minimal	Health: 1- Slight Fire: 0 - Minimal Reactivity: 0 - Minimal Pers. Prot. Equip.: B - Safety Glasses; gloves

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			Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
Citric Acid	01-05	77-92-9	Not Established	Not Established	Not Established	No

SECTION III: PHYSICAL DATA

Boiling Point: 200-210 °F	Vapor Pressure: 18 mm Hg @ 75°F
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 1.5-2.0	Specific Gravity (H ₂ O=1): 1.01
Evaporation Rate (but. ace. =1): <1	Percent Solid by Weight: 5-10
Physical State: Liquid	
Appearance & Odor: Blue viscous fluid, floral odor	

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: None	Method Used: ASTM-D56
Flammable Limits: N/A	Flame Extension: N/A
Extinguishing Media: N/A	
Special Fire Fighting Procedures: None	
Unusual Fire & Explosive Hazards: None known	

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value: Not Established	Primary Routes of Entry: Skin Contact, Eyes
Effects of Overexposure- May cause eye and skin irritation. Conditions to Avoid: contamination of food.	Harmful if swallowed. Do not get in eyes or skin. Avoid
Conditions Aggravated by Use: Unknown	

Emergency & First Aid Procedures:

Eyes: In case of contact; immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses. If irritation persists; seek medical attention.
Skin: In case of contact; immediately flush skin with plenty of water for 15 minutes. If irritation persists; seek medical attention.
Ingestion: If swallowed; drink large quantities of water.

SECTION VI: REACTIVITY DATA

Stability: Stable	Incompatible Materials: Strong alkalis
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: Small quantities may be flushed with large amounts of water into sanitary sewer. Larger quantities should be picked up with absorbent material and disposed of in accordance with Federal, state and local regulations.
Waste Disposal Method: Same as above

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required
Ventilation: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type): Acid resistant
Eye Protection(Specify Type): Goggles
Other Protective Equipment: None necessary

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing: Nothing special
Other Precautions: None

© SCC 09/27/99 Name: Ronald T. Cook Title: Manager, Regulatory Affairs
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