



Spartan Chemical Company, Inc.

Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

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

pH BOOSTER

Product Number: 2910

Product Division:

IPG

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

NFPA Ratings:	HMIS Ratings:
Health: 3 - Serious Fire: 2 - Moderate Reactivity: 0 - Minimal	Health: 3 - Serious Fire: 2 - Moderate 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	
2-Amino-2-methyl-1-propanol 2-(Methylamino)-2-methyl-1-propanol	80-90 01-05	124-68-5 27646-80-6	Not Established Not Established	Not Established Not Established	Not Established Not Established	No No

SECTION III: PHYSICAL DATA

Boiling Point: 210- 329 °F	Vapor Pressure: < 1 mm Hg @ 75°F
Vapor Density (AIR = 1): 3	Solubility in Water: Completely miscible
pH: 11.3	Specific Gravity (H ₂ O=1): 0.942
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 95
Physical State: Liquid	
Appearance & Odor: Clear colorless liquid. Faint amine odor	

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: 188 °F	Method Used: Penskey-Martin CC
Flammable Limits: N/A	Flame Extension: N/A
Extinguishing Media: Water, carbon dioxide, dry chemical, foam.	
Special Fire Fighting Procedures: Wear self-contained breathing apparatus to fight fires.	
Unusual Fire & Explosive Hazards: N/A	

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value: Not Established	Primary Routes of Entry: Inhalation, Skin Contact, Eyes
Effects of Overexposure- Conditions to Avoid:	Causes eye burns and severe skin irritation. Harmful if swallowed. May cause respiratory irritation. Do not get in eyes, on skin or on clothing. Do not swallow. Avoid breathing product vapor or mist.
Conditions Aggravated by Use:	Unknown
Emergency & First Aid Procedures:	
Eyes:	Immediately flush eyes with water for at least 15 minutes. Remove contact lenses. Get immediate medical attention.
Skin:	Flush with water for 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Destroy contaminated shoes. Get medical attention.
Ingestion:	If swallowed; do not induce vomiting. Drink large quantity of water to dilute. Get immediate medical attention. Never give anything by mouth to an unconscious person.
Inhalation:	In case of respiratory irritation; move person to fresh air. If not breathing; give artificial respiration. If breathing is difficult; give oxygen. Get immediate medical attention.

SECTION VI: REACTIVITY DATA

Stability: Stable	Incompatible Materials: Copper; brass; aluminum
Hazardous Decomposition Products: Oxides of carbon and nitrogen	Hazardous Polymerization: Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:	Contain spill and recover if possible. Personnel should wear protective equipment to prevent skin and eye contact.
Waste Disposal Method:	Neutralize unrecoverable spill with vinegar or other dilute acid and flush area with water into approved waste treatment system. Follow Federal, State and local regulations.

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):	Chemical resistant
Eye Protection(Specify Type):	Goggles
Other Protective Equipment:	Under certain conditions, chemical resistant aprons should be considered.

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Keep container tightly closed. Product becomes thick and hazy below 86 F.
Other Precautions:	Keep out of reach of children

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pH BOOSTER

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