



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.: 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 ³	STEL mg/m ³	CEILING mg/m ³	
2-Amino-2-methyl-1-propanol	80-90	124-68-5	Not Established	Not Established	Not Established	No
2-(Methylamino)-2-methyl-1-propanol	1-5	27646-80-6	Not Established	Not Established	Not Established	No

SECTION III: PHYSICAL DATA

Boiling Point: 210-329 °F	Vapor Pressure: Unknown
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 11.0-11.5 (10% SOLUTION)	Specific Gravity (H ₂ O=1): 0.942
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 95
Physical State: Liquid	
Appearance & Odor: Colorless odor, faint amine odor	

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: 188°F	Method Used: ASTM-D56
Flammable Limits: N/A	Flame Extension: N/A
Extinguishing Media: Foam, dry chemical, CO ₂ , water fog or spray	
Special Fire Fighting Procedures: Use air supplied breathing equipment for enclosed areas. Avoid breathing vapor or fumes.	
Unusual Fire & Explosive Hazards: Combustible liquid and vapor. Keep away from heat, sparks or flame. Combustion products are toxic.	

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value: Not Established	Primary Routes of Entry: Inhalation, Skin Contact, Eyes and Oral
Effects of Overexposure- Conditions to Avoid: Causes eye burns: Symptoms include tissue destruction, possible permanent corneal damage, pain, redness, swelling of the conjunctiva, Causes severe skin damage: Symptoms include pain, redness, tissue destruction and chemical burns.	
Harmful if swallowed: Causes damage or chemical burns to esophagus and mucous membranes with symptoms of pain, nausea, vomiting and diarrhea.	
Harmful if inhaled: Breathing product vapor or mist may cause irritation or damage of the respiratory tract, with symptoms of nasal discomfort and discharge with chest pain and coughing.	
Do not get in eyes, on skin or clothing. Avoid breathing product vapor or mist. Do not taste or swallow. Wash thoroughly after handling.	
Conditions Aggravated by Use: Use of this product may aggravate preexisting eye; skin and respiratory disorders such as asthma and dermatitis.	

Emergency & First Aid Procedures :

Eyes:	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses. If irritation persists; get medical attention.
Skin:	Remove contaminated clothing. Flush skin with plenty of 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 immediate medical attention. Do not give anything by mouth to an unconscious person.
Inhalation:	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:	Dike and contain spill with inert material (sand, earth, commercial absorbent, etc.) and transfer to containers for disposal. Keep spill out of storm sewers and waterways. Neutralize remaining material with vinegar or other dilute acid and flush area with water into approved waste water treatment system.
Waste Disposal Method:	Consult an expert on disposal of recovered material and ensure conformity with Federal, State and Local regulations.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection:	Not normally required when adequate ventilation is provided. However, if respiratory irritation occurs, use of a NIOSH approved respirator appropriate for the conditions of use 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 other impervious gloves are recommended to prevent skin contact.
Eye Protection(Specify Type):	Splash goggles are recommended to prevent eye contact.
Other Protective Equipment:	For further guidance see 29 CFR 1910.132-138.

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Combustible liquid and vapors. Flash Point 188°F. Keep containers sealed when not in use. Product becomes thick and hazy below 86 F.
Other Precautions:	Keep out of reach of children

© SCC 09/22/2008	Name: Ronald T. Cook	Title: Manager, Regulatory Affairs
PH BOOSTER	Effective Date: 09/22/2008	Supercedes: 11/30/2005
Ref: 29 CFR 1910.1200 (OSHA)	Changes: Review	

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