



Spartan Chemical Company, Inc.

Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

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

SYNSPAR GP

Product Number: 2957

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: 1- Slight Fire: 0 - Minimal Reactivity: 0 - Minimal	Health: 1- Slight 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			Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
Triethanolamine	NA	102-71-6	5 (ACGIH)	Not Established	Not Established	No
Polyalkylene glycol	NA	9038-95-3	Not Established	Not Established	Not Established	No
Boric acid	NA	10043-35-3	15 (Dust)	Not Established	Not Established	No
Dodecanedioic acid	NA	693-23-2	Not Established	Not Established	Not Established	No
Undecanedioic acid	NA	1852-04-6	Not Established	Not Established	Not Established	No
Phosphate ester	NA	39464-70-5	Not Established	Not Established	Not Established	No

SECTION III: PHYSICAL DATA

Boiling Point: 212-215 °F	Vapor Pressure: Unknown
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 8.0-9.0	Specific Gravity (H ₂ O=1): 1.025
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 24-27
Physical State: Liquid	
Appearance & Odor: Clear liquid; mild 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: N/A	
Unusual Fire & Explosive Hazards: N/A	

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value: Not Established	Primary Routes of Entry: Inhalation, Skin Contact, Eyes & Oral
Effects of Overexposure- Harmful to eyes: Causes eye irritation with symptoms of pain, tear production and redness. Conditions to Avoid: Harmful to skin: May cause skin irritation with symptoms of redness, pain and possible dermatitis. Harmful if swallowed: May cause stomach or intestinal upset. Harmful if Inhaled: May cause irritation of nose, throat and airways. Contains triethanolamine which may cause sensitization and an allergenic skin reaction in a small proportion of individuals. Repeated overexposure to triethanolamine may cause liver and kidney damage. Contains boric acid which has demonstrated reproductive and developmental effects in animal studies. Avoid contact with eyes, skin and clothing. Do not swallow. Avoid breathing product mists. Wash thoroughly after handling.	
Conditions Aggravated by Use: Preexisting skin; eye and respiratory conditions (such as asthma and asthma -like conditions)	
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: Wash thoroughly with soap and water. If irritation persists; get medical attention.	
Ingestion: Have person drink one or two glasses of water to dilute product. Get medical attention. Do not induce vomiting unless told to do so by a doctor or poison control center. Do not give anything by mouth to an unconscious person.	
Inhalation: Move person to fresh air. If irritation persists; get medical attention.	

SECTION VI: REACTIVITY DATA

Stability: Stable	Incompatible Materials: Strong acids; strong oxidizers
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: Contain spilled liquid with sand, earth or other inert absorbent.
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 if adequate ventilation is provided. If occupational exposure limits are exceeded (see Section II) or if respiratory irritation occurs wear an appropriate NIOSH approved respirator.
Ventilation: Local Exhaust: Follow ACGIH Industrial Ventilation recommendations. Mechanical: (Recommended). Provide ventilation suitable for type of building structure and work area.
Protective Gloves(Specify Type): Impervious gloves are recommended when handling undiluted product. Impervious gloves are also recommended for individuals with sensitive skin when handling diluted product.
Eye Protection(Specify Type): Splash goggles are recommended to minimize eye contact.
Other Protective Equipment: None

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing: Do not store near strong oxidizers.
Other Precautions: Keep out of reach of children.

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SYNSPAR GP

Ref: 29 CFR 1910.1200 (OSHA)

Name: Ronald T. Cook

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Changes: Update Sections I,II,III,V,VII,VIII & IX

Title: Manager, Regulatory Affairs

Supercedes: 09/27/99

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