



Spartan Chemical Company, Inc.

Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

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

HIGH FRONTIER

Product Number: 4012

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: Buffing, polishing 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	
*Diethylene glycol monoethyl ether	4	111-90-0	Not Established	Not Established	Not Established	No

Comment: *This substance is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (SARA) and of 40 CFR 372.

SECTION III: PHYSICAL DATA

Boiling Point: 210 °F	Vapor Pressure: 18 mm Hg @ 75°F
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 8.6-8.8	Specific Gravity (H ₂ O=1): 1.02
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 19-21
Physical State: Liquid	
Appearance & Odor: Translucent emulsion, slight ammoniacal 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	

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value: Not Established	Primary Routes of Entry: Inhalation, Skin Contact, Eyes
Effects of Overexposure- Vapors may be irritating to eyes and respiratory tract and may produce symptoms of headache and Conditions to Avoid: nausea in poorly ventilated areas.	
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. Call a physician	
Skin: Flush skin with water. Remove and wash clothing before reuse.	
Ingestion: If swallowed; drink large amounts of water; contact a physicians.	
Inhalation: In case of respiratory irritation; move person to fresh air.	

SECTION VI: REACTIVITY DATA

Stability: Stable	Incompatible Materials: None known
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: For small spills flush with water to sanitary sewer. Dike and contain large spill with inert material and transfer liquid to containers for recovery or disposal.
Waste Disposal Method: Incineration or approved landfill.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not normally required.
Ventilation: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type): Impervious gloves
Eye Protection(Specify Type): Safety glasses
Other Protective Equipment: None necessary

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing: Keep from freezing.
Other Precautions: None

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HIGH FRONTIER

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