



Spartan Chemical Company, Inc.

Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

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

H2-D2

Product Number: 2485

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: Compounds, cleaning liquid, 8, NA 1760, II, (contains potassium hydroxide)

NFPA Ratings:	HMIS Ratings:
Health: 3 - Serious Fire: 0 - Minimal Reactivity: 0 - Minimal	Health: 3 - Serious 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	
*2-Butoxyethanol Potassium hydroxide	15 01-05	111-76-2 1310-58-3	120 [skin] Not Established	Not Established Not Established	Not Established 2	No 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: 210-212 °F	Vapor Pressure: 18 mm Hg @ 75°F
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 13.4-13.8	Specific Gravity (H ₂ O=1): 1.07
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 17-19
Physical State: Liquid	
Appearance & Odor: Orange, non-viscous liquid, 2-butoxyethanol 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
Effects of Overexposure- Causes severe eye and skin irritation. Harmful if swallowed. Inhalation of vapors or mist may cause respiratory irritation. Do not get in eyes or on skin. Do not swallow. Avoid breathing vapors or mist. Butoxyethanol is absorbed through the skin which may affect the liver, kidneys, lymph and blood systems; inhalation may irritate throat and respiratory system.	
Conditions to Avoid:	
Conditions Aggravated by Use: Unknown	
Emergency & First Aid Procedures:	
Eyes: In case of contact; immediately flush eyes with water for at least 15 minutes. Remove contact lenses. Call a physician	
Skin: In case of contact; flush skin with water. Wash clothing before reuse.	
Ingestion: If swallowed; do not induce vomiting. Give large quantities of water. Call a physician immediately. Never give anything by mouth to an unconscious person.	
Inhalation: In case of respiratory irritation; move person to fresh air.	

SECTION VI: REACTIVITY DATA

Stability: Stable	Incompatible Materials: Strong acids and strong oxidizing agents
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 can be flushed with water into sanitary sewer; large quantities should be absorbed or contained.
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): Solvent resistant
Eye Protection(Specify Type): Goggles
Other Protective Equipment: Under certain conditions, alkali resistant aprons and boots and suggested.

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing: Do not freeze, do not store above 120°F.
Other Precautions: None

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H2-D2

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Changes: Update Section V, Address and Format

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