

Spartan

H2-D2

Spartan Chemical Company, Inc.

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:
 Health: 3 - Serious
 Fire: 0 - Minimal
 Reactivity: 0 - Minimal
 HMIS Ratings:
 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)	% W	CAS Registry No.	Table Z- 1 - A		
			TWA mg/m3	STEL mg/m3	CELING mg/m3
*2-Butoxyethanol	15	111-76-2	120 [skin]	Not Estab- lished	Not Estab- lished
Carcinogen: No					
Potassium hydroxide	01-05	1310-58-3	Not Estab- lished	Not Estab- lished	2
Carcinogen: 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 deg F
 Vapor Pressure: 18 mm Hg @ 75 deg F
 Vapor Density (AIR = 1): Unknown
 Solubility in Water: Complete
 pH: 13.4-13.8
 Specific Gravity (H2O=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 - Conditions to Avoid: 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 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 deg F.
 Other Precautions: None

H2-D2
 Name: Ronald T. Cook
 Title: Manager, Regulatory Affairs
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 Changes: Update Section V, Address and Format

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