

Product Name: HOOD PRO

Product No: ZPHP

**MATERIAL SAFETY DATA SHEET**

Date: 08-27-2001

Supersedes: 03-03-1996

By: JA

Company:	ENVIROSPEC	Information:	1-800-346-4876
	751 MLK Highway	Emergency:	1-800-424-9300
	Homerville, GA 31634		(Chemtrec)
	(Div. of HI-Tech Jetting Technologies, Inc.)	General:	1-912-487-1778

**SECTION 1: GENERAL INFORMATION**

Product Name: HOOD PRO  
 Class: Alkaline Cleaning Powder  
 Hazard Class: N/A  
 UN/NA#: N/A

**PRECAUTIONS: DANGER** - Causes eye, skin and respiratory tract irritation. Avoid eye and skin contact. Wash hands after handling. Avoid breathing dust. Use adequate ventilation.

**SECTION 2: HEALTH HAZARDOUS INGREDIENTS**

Ingredients (CAS#)	%WT	OSHA PEL ACCIH TLV (Ppm or mg/m3)
1. Ethylene Glycol Monomethyl Ether (109-86-4)	1-10	25ppm LD50 4.9G/KG (rat) LC50 1480ppm/7hr MICE

Note: Several Non-Hazardous & environmentally sound ingredients are being withheld as "Trade Secrets" as afforded by law and in accordance with comment (b) 757 of the restatement of the Law of Torts.

**SECTION 3: HEALTH HAZARD DATA**

Shell internal standard (skin notation)

**EFFECTS OF OVER EXPOSURE:**

Ingestion: Damage to renal system may occur  
 Eyes: Causes severe eye irritation  
 Skin: Causes skin irritation  
 Inhalation: Causes respiratory tract irritation

**EMERGENCY FIRST AID PROCEDURES:**

**INGESTION:** Dilute the alkali by giving water or milk immediately and allow vomiting to occur. Examine victim for possible corrosive injury to mouth and throat and irrigate the areas with 1% Acetic Acid until alkali is completely neutralized. Avoid gastric lavage or emesis. (Dreisbach, Handbook of Poisoning, 11th Edition). Maintain airway and treat shock. If vomiting occurs, keep head below hips to help prevent aspiration. Get medical attention immediately.

**EYES:** Flush with copious amounts of water until all material is removed. If irritation develops or persists get medical attention.

**SKIN:** Thoroughly wash exposed areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.

**INHALATION:** Remove to fresh air. If breathing is difficult, oxygen may be given, preferably with a physician's advice. If not breathing, give artificial respiration, preferably mouth to mouth. Get immediate medical attention.

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## SECTION 4: FIRE &amp; EXPLOSION HAZARD DATA

FLASH POINT: N/A  
FLAMMABLE LIMITS: N/A  
EXTINGUISH MEDIA: N/A

**SPECIAL FIREFIGHTING PROCEDURES:** DO NOT ENTER CONFINED AREAS WITHOUT FULL BUNKER GEAR (helmet with face shield, bunker coats, gloves, and rubber boots). Including a positive pressure NIOSH approved self-contaminated breathing apparatus. Cool fire with water.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** Combustion may produce noxious and irritating gases, which will require fresh air source in fire fighting. Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup, which could result in container rupture.

## SECTION 5: PHYSICAL DATA

BOILING POINT: N/A  
SPECIFIC GRAVITY: N/A  
VAPOR PRESSURE: N/A  
MELTING POINT: N/A  
VAPOR DENSITY: N/A  
EVAPORATION RATE: N/A  
SOLUBILITY IN WATER: Complete  
APPEARANCE: BROWN POWDER  
ODOR: CINNAMON

## SECTION 6: REACTIVITY DATA

**STABILITY:** STABLE

**CONDITION TO AVOID:** Avoid heat, flame, and contact with strong oxidizing agents

**INCOMPATIBILITY (materials to avoid):** Strong acids, strong oxidizers, and excessive heat.

**HAZARDOUS DECOMPOSITION:** Carbon monoxide, and unidentified organic compounds may be formed during combustion

**HAZARDOUS POLYMERIZATION:** Will not occur

## SECTION 7: SPILL LEAK, AND DISPOSAL PROCEDURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Shovel product directly into drums. If material is released into the environment, the user should determine whether the release should be reported to the appropriate state and federal authorities based on the requirements in your area.

**WASTE DISPOSAL PROCEDURES:** Consult local, state, and federal regulations before disposing of material.

## SECTION 8: SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION (SPECIFIC TYPE):** The specific respirator selected must be based on the contaminated level found in the works place.

**VENTILATION:** Either local exhaust or process enclosure ventilation system.

**PROTECTIVE GLOVES:** Depending on the condition of the use, protective gloves, apron, boots, head, and face protection should be worn. This equipment should be cleaned thoroughly after use.

**EYE PROTECTION:** Employee should wear splash proof or dust resistant goggles and a face shield to prevent contact with this material. Contact lenses should not be worn.

**OTHER PROTECTIVE EQUIPMENT:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

## SECTION 9: SPECIAL PRECAUTIONS

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Keep product in a warm & dry area. Keep containers closed when not in use. Use only with adequate ventilation. Store away from acids and strong oxidizers. Do not transfer to unmarked containers.

**OTHER PRECAUTIONS:** Eye Wash & Safety Showers should be present in all work areas.