

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

HEALTH
FLAMMABILITY

HMIS®

2 REACTIVITY **0**
1 PERSONAL PROTECTION **B**

Identity (As Used on Label and List) Hoofmark Industrial Degreaser (CLN 271,272,273)	<i>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</i>
Manufactured for: New Pig	Emergency Telephone Number 1-874-684-0101 (Kitty Schaffer)
Address (Number, Street, City, State, and ZIP Code) One Pork Avenue Tipton, PA 16684-0304	Telephone Number for Information 1-800-HOT-HOGS Date Prepared December 2, 1997
	Signature of Preparer (Optional) REGULATORY DEPT.

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH-TLV	Other Limits Recommended	%(Opt.)
Potassium hydroxide	1310-58-3	* 2 mg/m ³	2 mg/m ³		
* ceiling value					

This product is not known to contain any compound in concentrations requiring reporting under SARA Title III Section 313.

Any substance listed as hazardous by the States of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

SECTION III Physical/Chemical Characteristics

Boiling Point Initial	212° F	Specific Gravity (H₂O = 1) @70° F	1.019
Vapor Pressure (mm-Hg @ 70° F)	No Data	Melting Point	No Data
Vapor Density (AIR = 1)	Greater than one (1)	Evaporation Rate (Butyl Acetate = 1)	No Data
Solubility in Water	Complete	pH	12.5 + 0.5

Appearance and Odor -
Clear orange liquid with a citrus scent.

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used) - None to boiling point (TCC-est.)	Flammable Limits No Data	LEL No Data	UEL No Data
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Extinguishing Media -
Not usually necessary as this product does not readily support combustion. Use media appropriate for fire's fuel source.

Special Fire Fighting Procedures -
Keep containers cool and vapors down with water spray. Prevent runoff from entering sewers and public waterways. Wear SCBA in chemical fires.

Unusual Fire and Explosion Hazards -
None known.

SECTION V - Reactivity Data

Stability	Unstable		Conditions to Avoid - Do not allow to freeze.
	Stable	X	

Incompatibility (Materials to Avoid) -
 Strong oxidizers and acids; aluminum, tin, lead, zinc and their alloys, leather and wool.

Hazardous Decomposition or Byproducts -
 Carbon dioxide, carbon monoxide, nitrous and potassium oxides, ammoniacal vapors and various organic oxidation products.

Hazardous	May Occur		Conditions to Avoid - None known
Polymerization	Will Not Occur	X	

SECTION VI - Health Hazard Data

Route(s) of Entry	Eyes?	Inhalation?	Skin?	Ingestion?
	Yes	No	Yes	Yes

Health Hazards (Acute and Chronic) - Warning. Causes eye and skin irritation. Harmful if swallowed. May be harmful if inhaled. Repeated or prolonged occupational overexposures may lead to dermatitis. Follow good chemical hygiene practices when using this and other concentrated cleaning agents.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
None known	No	No	No

Signs and Symptoms of Exposure -
 Redness, tearing, burning or blurred vision in eyes. Redness, drying or cracking skin. Swallowing may lead to nausea, lethargy, vomiting or diarrhea. Inhaling concentrated vapors may irritate the nose and throat.

Medical Conditions Generally Aggravated by Exposure -
 Pre-existing skin conditions may be aggravated.

Emergency and First Aid Procedures:
Eyes - Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. See a physician immediately. **Ingestion** - If conscious, rinse out mouth with water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Call a physician or poison control center immediately. **Inhalation** - Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration. **Skin** - Flush with plenty of water for at least 15 minutes. Remove and launder contaminated clothing before reuse. If irritation arises and persists, call a physician.

SECTION VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled -
 Pick up small spills promptly with a towel or other absorbent material. May present slip hazard. For large spills, isolate and ventilate area. Wear protective gear as necessary. Dike to prevent spread. Pick up with an absorbent or vacuum up for possible reuse. Put in suitable container for proper disposal. Thoroughly clean residues with water.

Waste Disposal Method -
 Consult local, state, and federal regulations. Triple rinse empty container then offer for recycling, reuse, or reconditioning.

Precautions to be Taken in Handling and Storing - Do not get in eyes, on skin or clothing. Wash thoroughly after handling. Do not swallow. Use with adequate ventilation. Protect from freezing.

Other Precautions - Follow label directions carefully. Keep out of reach of children. Keep container tightly sealed when not in use. Do not contaminate water, food or feed by use or storage.

SECTION VIII - Control Measures

Respiratory Protection (Specify Type)
 Not usually necessary. Use with adequate ventilation. Use NIOSH/MSHA approved respirator if PELs or TLVs are exceeded.

Ventilation	Local Exhaust	Not usually needed	Special	None
	Mechanical (General)	Yes	Other	None

Protective Gloves - Yes, impervious (i.e. butyl or nitrile)	Eye Protection - Yes, goggles or approved safety glasses (ANSI Z87)
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Other Protective Clothing or Equipment -
 Not usually necessary. If contact is possible, wear apron, boots, face shield, etc. as required.

Work/Hygienic Practices -
 Normal. Wash hands after use and before eating, drinking, smoking, using restrooms, etc.

While the information and recommendations set forth herein are believed to be accurate as of the date hereon New Pig makes no warranty with respect thereto and disclaims all liability from reliance thereon.