

MATERIAL SAFETY DATA SHEET (SUBSTITUTES FOR OSHA FORM 174): May be used to comply with OSHA's Hazard Communication standard, 29 CFR 1910.1200.

PRODUCT NUMBER: **POW002-01 – 55**  
 IDENTITY: **POWER KLEEN EXTRA**

### SECTION I: MANUFACTURER'S INFORMATION

Manufacturer's Name **SEATTLE PUMP AND EQUIPMENT** Telephone Numbers:  
 Address **2222 – 15<sup>TH</sup> AVENUE WEST** Emergency: **800-863-7867**  
**SEATTLE, WA 98119** Information: **800-863-7867**

HMIS CODES: REACTIVITY: **1** FLAMMABILITY: **0** HEALTH: **1** PERSONAL PROTECT: **B**

### SECTION II: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

	Name	CAS. No.	WISHA PEL	ACGIH TLV	Other Limits
1.	SODIUM HYDROXIDE	1310-73-2	2 PPM	2 PPM	
2.	POTASSIUM HYDROXIDE	1310-058-3	2 PPM	2 PPM	
3.	ISOPROPYL ALCOHOL	67-63-0	400 PPM	500 PPM	
4.					
5.					
6.					
7.					
8.					
9.					

Comments

### SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	<b>&gt;212F</b>	Specific Gravity (water=1)	<b>1.2</b>
Vapor Pressure (mm Hg)	<b>&lt;1</b>	Melting Point:	<b>N/A</b>
Vapor Density (AIR=1)	<b>&gt;1</b>	Evaporation Point:	<b>N/A</b>
Solubility in Water:	<b>COMPLETE</b>	Butyl Acetate=1)	<b>N/A</b>
Appearance	<b>YELLOW LIQUID</b>	Odor:	<b>ALCOHOL</b>

### SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): **135F** Flammable Limits: **N/A** LEL: **N/A** UEL: **N/A**  
 Extinguishing Media **CO2, FOAM, WATER**  
 Special Fire Fighting Procedures: **Clear the area of non-emergency personnel, Firefighters should use SCBA and wear full protective equipment.**  
 Unusual Fire and Explosion Hazards: **Cool surrounding equipment and fire-exposed containers with water. Contain fire runoff water and dispose of in approved manner. Run off water may be slippery.**

---

---

**SECTION V: REACTIVITY DATA****PRODUCT NUMBER POW002-01 – 55**

---

---

Stability: Stable  Unstable  Conditions to avoid: **Avoid heat, sparks, flames and contact with strong oxidizing agents. Do not store or handle in aluminum equipment at temperatures above 135F** Incompatibility (Materials to Avoid): **Strong oxidizing agents**

Hazardous Decomposition or Byproducts: **CO and CO2 with incomplete combustion**

Hazardous Polymerization: May Occur:  Will Not Occur:   
Conditions to Avoid: **Avoid heat, flames, and other sources of ignition**

---

---

**SECTION VI: HEALTH HAZARD DATA**

---

---

Routes of Entry: Inhalations: **YES** Skin: **YES** Ingestion: **YES** Eyes: **YES**

Health Hazards (Acute and Chronic):

INHALATION Inhalation of vapors may cause nose, throat and respiratory irritation

SKIN May cause redness or dry skin

INGESTION **TOXIC** May cause dizziness, headache, nausea and loss of coordination

EYES Causes burning sensation, redness, swelling and/or blurred vision

Carcinogenicity: **N/A** NTP: **N/A** IARC Monographs **N/A** OSHA/WISHA Reg. **N/A**

Signs and Symptoms of Exposure: SAME AS ABOVE

Medical Conditions Generally Aggravated by Exposure: NONE KNOWN

Emergency and First aid Procedure: Eyes: Immediately flush eyes with plenty of cool water for at least 15 minutes while holding eyelids open. If irritation occurs, seek medical attention.

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, qualified personnel should administer oxygen. Seek medical attention.

Ingestion: **DO NOT INDUCE VOMITING.** If victim is alert, rinse mouth and give 1 – 2 glasses of water to help dilute the material. Call a doctor or poison control center. Seek medical attention.

Skin: Remove contaminated clothing. Wash exposed skin with soap and water. If symptoms persist, seek medical attention.

---

---

**SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE**

---

---

Steps to be taken in Case Material is Released or Spilled: Remove sources of ignition or flames. Wear protective equipment. Dike around large spills to prevent spreading. Remove with pump or vacuum to storage/salvage vessel. Absorb small spills with inert material. Prevent contamination of surface waters.

Precautions to be taken in Handling and Storing: Keep away from heat sparks, and flame. Surfaces that are hot may ignite liquid in the absence of flame or sparks. Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until all vapors are gone.

Other precautions: **KEEP THIS AND ALL CHEMICALS AWAY FROM CHILDREN**

Keep away from heat sparks, and flame. Surfaces that are hot may ignite liquid in the absence of flame or sparks. Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until all vapors are gone.

---

---

**SECTION VIII: CONTROL MEASURES**

---

---

Respiratory Protection: Use a NIOSH approved respirator to prevent overexposure  
Ventilation: Use exhaust sufficient to keep vapors below exposure limits  
Local Exhaust: YES  
Mechanical: YES  
Special: NO  
Protective Gloves: Rubber, neoprene or other chemical resistant gloves recommended  
Eye Protection: Safety glasses or goggles recommended  
Other Protective Clothing or Equipment: Wear chemical resistant clothing to prevent exposure to liquid