



# Material Safety Data Sheet

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## Lift-Off 432

**Use:** Floor Stripper

Code: FH432D, J, P

**Date of MSDS:** August 1, 2017

**WHMIS:** E

**TDG:** CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.  
 (sodium hydroxide, monoethanolamine) Class 8 UN3266 PGII

**HMIS:** Health -3, Flammability - 0, Reactivity - 0, PPE - B

**Emergency Telephone # CANUTEC 613-996-6666**

### I - HAZARDOUS INGREDIENTS

Chemical Name	Wt/Wt %	CAS #	LD50 (mg/kg)	LC50
Sodium Metasilicate	1-5	6834-92-0	800 oral rat	not available
Potassium Hydroxide	3-7	1310-58-3	273 oral rat	not available
2 - Propanol	1-5	67-63-0	5000 oral rat	16000 ppm 8 hrs
2 - Aminoethanol	1-5	141-43-5	1720 oral rat	not available

### II - PHYSICAL DATA

**Physical State:** liquid      **Viscosity:** 4.0 cps      **Vapour Pressure:** not available      **Oil/Water Factor:** not available  
**Appearance:** clear amber      **pH:** 13.2      **Vapour Density:** similar      **Evaporation Rate:** similar  
**Odour:** citrus      **Specific Gravity:** 1.04-1.05      **Boiling Point (°C):** 94.0      **Odour Threshold:** not available  
**Freezing Point (°C):** not available

### III - FIRE AND EXPLOSION DATA

**Conditions of Flammability:** not flammable      **UFL:** not available  
**Flash Point and Test Method:** not applicable      **LFL:** not available  
**Sensitivity to Static Discharge or Mechanical Impact:** not available      **Auto-Ignition Temperature:** not available  
**Hazardous Combustion Products:** oxides of carbon  
**Means of Extinction:** alcohol foam, CO<sub>2</sub>, or dry chemical

### IV - REACTIVITY DATA

**Conditions of Chemical Instability:** stable      **Conditions of Reactivity:** not applicable  
**Hazardous Decomposition Products:** not available  
**Incompatible Substances:** acids, oxidizing agents, aluminum and magnesium  
**Storage Requirements:** store in closed containers away from incompatible materials.

### V - TOXICOLOGICAL PROPERTIES

<b>Synergistic Materials:</b> none known	<b>Route(s) of Entry:</b> skin, eyes, ingestion, inhalation
<b>Irritancy of Product:</b> hazardous/corrosive	<b>Sensitization:</b> none known
<b>Acute Effects</b>	
<b>Eye:</b> can cause severe irritation, reddening and swelling	<b>Chronic Effects</b>
<b>Skin:</b> may cause moderate to high irritation	<b>Carcinogen:</b> none known
<b>Inhalation:</b> may cause nose, throat & respiratory tract irritation, coughing & headache	<b>Teratogen:</b> none known
<b>Ingestion:</b> can cause medical problems	<b>Mutagen:</b> none known
<b>Prolonged or Repeated Exposure:</b> Skin - can cause drying, defatting or dermatitis	
<b>Reproductive Toxin:</b> none known	

### VI - FIRST AID MEASURES

**Eye Contact:** Immediately flush with water for 15 minutes. If irritation persists, contact a physician.  
**Skin Contact:** Immediately flush with water for 15 minutes. Contact a physician if irritation develops.  
 Completely decontaminate clothing, shoes and leather goods, or discard.  
**Inhalation:** Remove to fresh air. If symptoms persist, contact a physician.  
**Ingestion:** Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Contact a physician immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

### VII - PROTECTIVE EQUIPMENT

**Personal Protective Equipment:**  
**Eyes:** safety glasses recommended      **Skin:** impermeable gloves recommended  
**Respiratory:** not normally required if good ventilation is maintained

**Ventilation:** general ventilation normally adequate

### VIII - SPECIAL MEASURES

**For Leaks or Spills:** Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

**Waste Disposal:** Review all Federal, Provincial and local regulations prior to disposal.