



# Material Safety Data Sheet

**Flexo Products Limited** 4777 Kent Avenue, Niagara Falls, ON L2H 1J5  
**Phone:** (905) 354-2723 **Fax:** (905) 354-1301 **Web Site:** www.flexoproducts.com

## I – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

### Hyper Lift-Off

**Use:** Floor Stripper Concentrate

**Code:** FH446

**Date of MSDS:** December 1, 2014

**WHMIS:** E

**HMIS:** Health 3

Flammability 0

Reactivity 0

PPE B

**TDG CLASSIFICATION:** Exempt for certain sizes

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

## 2 – HAZARD IDENTIFICATION

**Irritancy of Product:** medium

**Physical State:** liquid

**EMERGENCY:** DANGER. CORROSIVE. CAUSES SKIN AND EYE BURNS. HARMFUL OR FATAL IF SWALLOWED. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

**Route(s) of Entry:** eye, skin, inhalation, ingestion

### Acute Effects

**Eye:** CORROSIVE. Causes permanent eye damage, including blindness.

**Skin:** CORROSIVE. Causes burns and serious skin damage.

**Inhalation:** May cause irritation and corrosive effects to throat, nose and respiratory tract.

**Ingestion:** CORROSIVE. Causes burns to mouth, throat and stomach.

See Toxicological information (Section 11 and 3)

## 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Wt/Wt %	CAS #	LD50 (mg/kg)	LC50
Glycol Carbitol	10-30	112-34-5	3384 oral rat	not available
2-Aminoethanol	10-30	141-43-5	1720 oral rat	not available
Phenyl Carbinol	30-60	100-51-6	1230 oral rat / 2000 dermal rabbit	not available

## 4 – FIRST AID MEASURES

**Eye Contact:** Flush with water for 15 minutes. Contact a physician.

**Skin Contact:** Good hygiene practices apply. Wash with soap and water after use.

**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.

## 5 – FIRE FIGHTING MEASURES

**Conditions of Flammability:** not flammable

**UFL:** not available

**LFL:** not available

**Flash Point and Test Method:** not applicable

**Sensitivity to Static Discharge or Mechanical Impact:** not available

**Auto-Ignition Temperature:** not available

**Hazardous Combustion Products:** oxides of carbon

**Means of Extinction:** treat for surrounding material & fire, CO<sub>2</sub>, dry chemical, water fog

## 6 – ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Use suitable protective equipment (Section 8). Keep out of reach of children.

**Environmental Precautions:** Keep container in a cool, well-ventilated area. Keep container tightly closed. Do not allow to enter drains or watercourses.

**Methods for Cleaning Up:** For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contain it to ensure runoff does not reach a waterway. Place split material in an appropriate container for disposal.

## 7 – HANDLING & STORAGE

**Storage Requirements:** Keep out reach of children. Keep container in a cool, well-ventilated area.

Keep container tightly closed.



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## 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Measures:** Good general ventilation should be sufficient to control worker exposure to airborne levels.

**Personal Protective Equipment:**

**Eyes:** Chemical splash goggles recommended.  
**Hands:** Chemical-resistant gloves.  
**Skin:** For prolonged or repeated handling, use impervious gloves.  
**Respiratory:** A respirator is not needed in well-ventilated work areas.

**Ventilation:** general ventilation normally adequate

## 9 - PHYSICAL & CHEMICAL PROPERTIES

<b>Physical State:</b> liquid	<b>Viscosity:</b> not applicable	<b>Vapour Pressure:</b> not available
<b>Oil/Water Factor:</b> not available	<b>Appearance:</b> clear colourless	<b>pH:</b> 13.0 ± 0.5
<b>Vapour Density:</b> not available	<b>Evaporation Rate:</b> similar	<b>Odour:</b> moderate
<b>Specific Gravity:</b> 1.05 ± 0.03	<b>Boiling Point (°C):</b> not determined	<b>Odour Threshold:</b> not available
<b>Freezing Point (°C):</b> < 0		

## 10 – STABILITY & REACTIVITY

<b>Conditions of Chemical Instability:</b>	stable
<b>Conditions of Reactivity:</b>	Avoid extreme hot and cold temperatures. Do not mix with any other products or chemicals.
<b>Hazardous Decomposition Products:</b>	not available
<b>Incompatible Substances:</b>	strong acids & alkalis, oxidizing agents
<b>Storage Requirements:</b>	store in closed containers away from incompatible materials

## 11 – TOXICOLOGICAL INFORMATION

<b>Synergistic Materials:</b> not available	<b>Route(s) of Entry:</b> skin, eyes, ingestion, inhalation
<b>Irritancy of Product:</b> CORROSIVE	<b>Sensitization:</b> not available
<b>Acute Effects</b>	<b>Chronic Effects</b>
<b>Eye:</b> contact may cause severe chemical burns	<b>Carcinogen:</b> none known
<b>Skin:</b> may cause severe irritation and chemical burns	<b>Teratogen:</b> none known
<b>Inhalation:</b> highly irritating to the respiratory system	<b>Mutagen:</b> none known
<b>Ingestion:</b> can cause vomiting, headache & medical problems	<b>Reproductive Toxin:</b> none known
<b>Prolonged or Repeated Exposure:</b> <b>Skin:</b> Can cause drying, defatting & dermatitis.	

## 12 – ECOLOGICAL INFORMATION

<b>Biodegradability:</b> considered biodegradable
<b>Ecotoxicity:</b> not available

## 13 – DISPOSAL CONSIDERATION

**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 & local regulations prior to disposal. Consult your local or regional authorities.

## 14 – TRANSPORT INFORMATION

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

**UN CLASSIFICATION:** CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.

(MONOETHANOLAMINE, POTASSIUM HYDROXIDE) Class 8 UN3267 PGIII

## 15 – REGULATORY INFORMATION

<b>WHMIS:</b>	Class E: Material causing other toxic effects (Toxic) & Corrosive
<b>Canada Inventory:</b>	All components are listed or exempted.

## 16 – OTHER INFORMATION

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