



Material Safety Data Sheet

FH445

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

Mega Lift-Off

Use: Heavy Duty Floor Stripper

Code: FH445J, P, D

Date of MSDS: December 1, 2014

WHMIS: D2B, E

HMIS: Health 2
Flammability 0
Reactivity 0
PPE B

TDG CLASSIFICATION: CORROSIVE LIQUID, BASIC,
ORGANIC, N.O.S. (monoethanolamine,
sodium hydroxide) Class 8 UN3267 PGII

Emergency Telephone # CANUTEC 613-996-6666

2 - HAZARD IDENTIFICATION

Irritancy of Product: CORROSIVE
Physical State: liquid
EMERGENCY: DANGER, CORROSIVE

Principle Routes of Exposure: Eye contact. Skin contact. Inhalation, Ingestion

Acute Effects

Eye Contact: Causes irreversible damage.
Skin Contact: Causes skin burn.
Inhalation: May cause severe irritation effects to nose, throat and respiratory tract system.
Ingestion: Harmful if swallowed.

See Toxicological information (section 11 and 3)

3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Wt/Wt %	CAS #	LD50 (mg/kg)	LC50
Sodium Hydroxide	1-5	1310-73-2	1350 oral rabbit	not available
Monoethanolamine	10-30	141-43-5	172 oral rat	not available
Diethylene Glycol Monoethyl Ether	10-30	111-90-0	5500 oral rat	not available

4 - FIRST AID MEASURES

Eye Contact: Immediately flush eyes with running water for 15-20 minutes, keeping eyelids open. Get medical attention immediately.
Skin Contact: Immediately flush with plenty of water for 15-20 minutes. If irritation persists, get medical attention.
Inhalation: If breathing is affected, remove to fresh air. If symptoms persist, get medical attention.
Ingestion: If swallowed, give a cupful of water or milk. IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
Note to Physician: If the product is ingested, probable mucosal damage may contraindicate the use of gastric lavage. Treat the affected person appropriately.

5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use dry chemical, CO₂, water spray or "alcohol" foam.
Specific Hazards: none known
Specific Methods: No special methods required.
Special Protective Equipment for Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Conditions of Flammability: not flammable
UFL: not available
LFL: not available
Flash Point and Test Method: considered a none flammable product
Sensitivity to Static Discharge or Mechanical Impact: not applicable
Auto-Ignition Temperature: not applicable
Hazardous Combustion Products: oxides of carbon
Means of Extinction: treat for surrounding material & fire

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: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Water runoff can cause environmental damage.



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7 – HANDLING & STORAGE

Handling: Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists.

Storage Requirements: Keep out reach of children. Keep container in a cool, well-ventilated area. Keep container tightly closed. Protect from freezing.

8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures to Reduce Exposure: Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained

Personal Protective Equipment

Eye Protection:	Chemical-splash goggles for handling concentrate.
Hand Protection:	Chemical-resistant gloves for handling concentrate.
Skin & Body Protection:	Wear suitable protective clothing. Use impervious gloves.
Respiratory Protection:	In case of insufficient ventilation wear suitable respiratory equipment. Appropriate NIOSH/MSHA respiratory protection must be used.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

Ventilation: general ventilation normally adequate

9 - PHYSICAL & CHEMICAL PROPERTIES

Physical State: liquid	Viscosity: water thin	Vapour Pressure: not available
Oil/Water Factor: not available	Appearance: clear colorless	pH: 13.0-14.0
Vapour Density: not available	Evaporation Rate: similar	Odour: mild
Specific Gravity: 1.04-1.05	Odour Threshold: not available	Freezing Point (°C): < 0
Boiling Point (°C): 100	Flash Point (°C): > 93.9	

10 – STABILITY & REACTIVITY t

Stability:	stable
Polymerization:	hazardous polymerization does not occur
Hazardous Decomposition Products:	may yield to oxides of carbon & low molecular weight hydrocarbons
Conditions of Reactivity:	avoid extreme hot and cold temperatures
Incompatible Substances:	strong acids & alkalis, chlorinated products, other disinfectants
Storage Requirements:	store in closed containers away from incompatible materials

11 – TOXICOLOGICAL INFORMATION

Acute Toxicity:	not available	Chronic Toxicity:	none known
Component Information:	See Section 3	Mutagenic Effects:	none known
Carcinogenic Effects:	none known	Target Organ Effects:	none known
Reproductive Toxicity:	none known	Sensitization:	none known
Synergistic Materials:	none known		

Prolonged or Repeated Exposure - Skin: may cause drying, defatting or dermatitis

12 – ECOLOGICAL INFORMATION

Biodegradability: It maybe considered biodegradable
BOD/COD values: not available **Ecotoxicity:** 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: 3267

CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (monoethanolamine, sodium hydroxide) Class 8 PGII

See shipping documents for specific transportation information.

15 – REGULATORY INFORMATION

WHMIS: D2B, E

Canada Inventory: All components are listed or exempted.

16 – OTHER INFORMATION

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