



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

Lino Lift-Off 435

Use: Linoleum Stripper

Code: FH435

Date of MSDS: December 1, 2014

WHMIS: Class D2B & E – Corrosive Material

HMIS: Health 3 Flammability 0
Reactivity 0 PPE B

TDG CLASSIFICATION: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.
(monoethanolamine, diethylene glycol butyl ether)
Class 8, PG III

Emergency Telephone # CANUTEC 613-996-6666

2 – HAZARD IDENTIFICATION

Irritancy of Product: corrosive

Physical State: liquid

EMERGENCY: DANGER. CORROSIVE. CONCENTRATE. CAUSES EYE AND SKIN BURNS.
HARMFUL OR FATAL IF SWALLOWED.

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

Acute Effects

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

Skin: CORROSIVE. May causes permanent damage.

Inhalation: May cause irritation and corrosive effects to nose, throat 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
Monoethanolamine	0.1-1.5	141-43-5	1720 Oral - Rat	not available
Diethylene Glycol Butyl Ether	10-20	112-34-5	4500 Oral - Rat	not available
2-Butoxyethanol	5-10	111-76-2	506 Dermal - Rat 406 Oral - Rat	450 ppm (rat)
Dowanol EPH Glycol Ether	5-10	122-99-6	1260 Oral - Rat	not available

4 - FIRST AID MEASURES

Eye Contact: Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open.
Get medical attention immediately.

Skin Contact: Flush immediately with plenty of water for at least 15 minutes.
Get medical attention immediately.

Inhalation: If breathing is affected, remove to fresh air. Get medical attention immediately.

Ingestion: Do not induce vomiting. Immediately drink one cupful of water or milk. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Aggravated Medical Conditions: Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc. may be more susceptible to irritating effects.

5 - FIRE FIGHTING MEASURES

Conditions of Flammability: not flammable

UFL: not applicable

LFL: not applicable

Flash Point and Test Method: >200°F >99.3°C

Sensitivity to Static Discharge or Mechanical Impact: not applicable

Auto-Ignition Temperature: not applicable

Hazardous Combustion Products: none known

Means of Extinction: treat for surrounding material & fire

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.

6 – ACCIDENTAL RELEASE MEASURES

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

Environmental Precautions and Clean-Up Methods: Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.



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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. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage Requirements: Protect from Freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Personal Protective Equipment:

Eyes: Chemical splash goggles.

Hands: Chemical-resistant gloves. Includes neoprene gloves.

Skin: If major exposure is possible, wear suitable protective clothing & footwear.

Respiratory: In case of insufficient ventilation, wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z288.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Ventilation: general ventilation normally adequate

Hygiene Measures: Keep away from food, drink and animal feeding stuffs. Handle in accordance with good industrial hygiene and safety practice.

9 - PHYSICAL & CHEMICAL PROPERTIES

Physical State: liquid

Viscosity: not available

pH: 10.3

Freezing Point (°C): not available

Oil/Water Factor: not available

Appearance: white/light yellow aqueous solution

Vapour Density: not available

Evaporation Rate: not available

Odour: solvent

Specific Gravity: 1.03

Boiling Point (°C): not determined

Odour Threshold: not available

Vapour Pressure: not available

Solubility: soluble

10 – STABILITY & REACTIVITY

Conditions of Chemical Instability: stable

Conditions of Reactivity: do not mix with acids/chlorinated products

Hazardous Decomposition Products: none reasonably foreseeable

Incompatible Substances: strong oxidizing agents

Storage Requirements: Store in closed containers away from incompatible materials.

11 – TOXICOLOGICAL INFORMATION

Acute Effects: (see Section 2)

CORROSIVE. Oral LD50 estimated to be between 4000-5000mg/kg

Chronic Effects:

Carcinogen: none known

Teratogen: none known

Mutagen: none known

Reproductive Toxin: none known

Sensitization: none known

12 – ECOLOGICAL INFORMATION

Environmental Information: no data available

13 – DISPOSAL CONSIDERATION

For Leaks or Spills: See Section 6. 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

See shipping documents for specific transportation information.

15 – REGULATORY INFORMATION

WHMIS: Class D2B,E

Canada Inventory: All components are listed or exempted.

16 – OTHER INFORMATION

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