

# MATERIAL SAFETY DATA SHEET

## Lloyds Laboratories Inc.

LX2000 – Part # 52316, 52504, 52520, 52545, 52510

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

<b><u>PRODUCT NAME:</u></b> LX2000	<b><u>PRODUCT USE:</u></b> Cleaner / Degreaser
<b><u>MANUFACTURER:</u></b> Lloyds Laboratories Inc.	<b><u>SUPPLIER:</u></b> Lloyds Laboratories Inc.
<b><u>ADDRESS:</u></b> 613 Neal Drive, Peterborough, Ontario, K9J 6X7	<b><u>ADDRESS:</u></b> 613, Neal Drive, Peterborough, Ontario, K9J 6X7
<b><u>EMERGENCY #:</u></b> 1 800 361-6766	<b><u>EMERGENCY #:</u></b> 1 800 361-6766

### SECTION II: INFORMATION ON INGREDIENTS

Ingredients	CAS#	Wt%	OSHA-PEL	ACGIH-TLV	LD <sub>50</sub>
D'Limonene	5989-27-5	30 – 70	Not applicable	Not applicable	4400 mg/kg (rat, oral)
Ethoxylated Lauryl Alcohol	9002-92-0	2 - 5	Not applicable	Not applicable	4150 mg/kg (rat, oral)
Propylene Glycol Ether	34590-94-8	5 - 10	Not applicable	Not applicable	5660 mg/kg (rat, oral)
Coconut Oil Ethoxylated	67762-35-0	1 - 2	Not applicable	Not applicable	Not established

### SECTION III: HAZARDOUS IDENTIFICATION

Health hazards given on this data sheet apply to concentrated solution of products. Hazards of diluted product may be reduced, depending on the concentration. Degree of hazard for these reduced concentrations is not currently addressed in the available literature.

<b>Route of Entry:</b>	Eye, skin contact, ingestion.
<b>Potential Health Effects:</b>	
<b>Eye Contact:</b>	Mist from solution may be irritating to eyes. Contact may cause severe irritation to eyes.
<b>Skin Contact:</b>	Frequent or prolonged contact may irritate the skin or cause rash. Skin contact may aggravate existing conditions.
<b>Inhalation:</b>	May cause nasal and respiratory irritation.
<b>Ingestion:</b>	May cause gastro intestinal irritation or damage.
<b>Chronic Effects:</b>	Skin chronic exposure similar to single exposure except for effects secondary skin exposure.
<b>Carcinogenicity:</b>	No ingredients listed IARC or NTP or ACGIC.
<b>Teratogenicity, Mutagenicity, Reproductive Effects:</b>	The ingredients in this product were found not to be mutagenic when tested by the Ames Assay, (OECD Guidelines for chemical testing, sec. 471).
<b>Skin:</b>	Frequent or prolonged contact may irritate the skin or cause rash. Skin contact may aggravate existing conditions.

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### SECTION IV: FIRST AID MEASURES

**Eye Contact:** Immediately flush with water for 15 minutes. Holding eyelids open during flushing. If irritation persists, repeat flushing and obtain medical attention immediately.

**Skin Contact:** Flush with water. Seek medical attention if irritation persists. Remove contaminated clothing and launder before reuse.

**Inhalation:** Move victim to fresh air. If conscious, have victim take deep, slow breaths. Seek medical attention if symptoms persist.

**Ingestion:** DO NOT INDUCE VOMITING. Rinse mouth with water, and then drink one glass of water. Seek medical attention. Do not give anything to victim if unconscious or convulsing.

### SECTION V: FIRE FIGHTING MEASURES

**Flammability:** Non flammable.

**Flash Point Deg (C,TCC):** Not applicable.

**Means of Extinction:** As appropriate for surrounding fire. Use water, dry chemical, carbon dioxide or foam.

**Special Fire Hazards:** Fire fighters should wear self contained breathing apparatus.

**Autoignition Temperature:** Not applicable.

**Flame Propagation or Burning Rate of Solid:** Not applicable.

**Sensitivity to Static Discharge:** Not applicable.

**Unusual Fire and Explosion Hazards:** None expected. As per surrounding fire.

**Hazardous Decomposition Products:** Oxides of carbon, oxides of nitrogen.

### SECTION VI: ACCIDENTAL RELEASE MEASURES

**Leak and Spill Procedures:** Before attempting clean up, refer to the hazard data provided above. Small spills may be absorbed with non reactive absorbent and placed in suitable, covered, labeled container. For large quantities, dispose of in accordance with local, provincial/state or federal regulations. For large spills prevent from entering sewers and waterways. For large spills provide diking to prevent spreading.

### SECTION VII: HANDLING AND STORAGE

**Storage Requirements:** KEEP OUT OF REACH OF CHILDREN. Store in a closed container away from incompatible materials which include acids, oxidizing materials, reducing sugars and Ammonia Salts.  
Storage temperature 4°C Ambient to 35°C (must be stored above 4°C at all times)  
Transport temperature 4° C Ambient to 35°C (must be stored above 4°C at all times).  
Keep container closed. Handle and open container with care. Store in a well ventilated place away from incompatible materials. Do not store near open flame.

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Do not reuse empty containers.

### SECTION VIII: EXPOSURE CONTROL/PERSONAL PROTECTION

**Gloves:** Impervious protective gloves if prolonged contact or repeated contact.  
**Eye Protection:** Chemical splash goggles if eye contact possible.  
**Respiratory Protection:** Not normally required if good ventilation is maintained. If mist is generated during application process, use disposable mist applicator.  
**Other Protective Equipment:** As required by employer code. Eye bath, safety shower, protective clothing.  
**Engineering Controls:** General ventilation normally required. If ventilation practices are not adequate for minimizing exposure, additional ventilation or exhaust systems may be required.

### SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid	<b>Odour and Appearance:</b> Light clear slightly viscous liquid with pleasant citrus odour		<b>Odour Threshold:</b>	Not applicable
<b>Vapour Pressure (mm Hg):</b>	1	<b>Vapour Density (Air=1):</b>	Not applicable	<b>Boiling Point (°C):</b>	>100°
<b>% Volatile (Wt %):</b>	>85 %	<b>Solubility in water(20°C):</b>	Mixes	<b>Freezing Point (°C):</b>	< 0°
<b>pH:</b>	7.0 – 8.0	<b>Specific Gravity:</b>	.94	<b>Evaporation Rate (nBuAc=1):</b>	Not applicable
<b>Coeff. Water/Oil Dist.:</b>	Not applicable	<b>Viscosity:</b>	Slightly viscous		

### SECTION X: STABILITY AND REACTIVITY

**Conditions for Chemical Instability:** Stable.  
**Incompatible Materials:** Strong oxidizing agents, strong acids.  
**Hazardous Decomposition Products:** Oxides of carbon, Oxides of Nitrogen when heated.

### SECTION XI: TOXICOLOGICAL INFORMATION

See section II.

### SECTION XII: ECOLOGICAL INFORMATION

**Biodegradability:** Surfactants are biodegradable as per Ready Biodegradability Closed bottle test (OECD 301 D, also known as the US EPA as OPPTS 835.3100 (Fate, Transport and Transformation Test Guidelines).

Full formulation is predicted to be readily biodegradable.

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### SECTION XIII: DISPOSAL CONSIDERATIONS

Dispose of through a licensed waste management company. Dispose of in accordance to all local, provincial/state and federal regulations.

### SECTION XIV: TRANSPORTATION

**T.D.G. Classification:** Not regulated.  
**D.O.T. Classification:** Not regulated.

### SECTION XV: REGULATORY INFORMATION

#### Occupational Health and Safety

##### Regulations:

##### WHMIS Class:

Class D Division 2B.

##### OSHA & WHMIS:

MSDS prepared pursuant to the Hazard Communication Standard (CFR29.1920.1200) and Canadian WHMIS regulations.

#### Environmental Regulatory Lists:

##### SARA – Section 313 (Toxic Chemical Release Reporting) 40 CFR 372:

None of these ingredients are listed.

##### CERCLA – Section 102 (Reportable Quantity) 40 CFR 302:

None of the ingredients are listed.

##### RCRA 40 CFR 261 (Subpart D):

None of the ingredients are listed.

##### CLEAN WATER ACT – Section 311

None of these ingredients are listed.

##### (Reportable Qty) 40 CFR 116:

##### CLEAN AIR ACT – Section 312 (List of Hazardous Pollutants) 40 CFR 63

None of these ingredients are listed.

##### (Subpart C):

##### National Pollutant Release Inventory:

None of these ingredients are listed.

##### Toxic Substances Control Act (TSCA):

All ingredients are registered on the Chemical Substances Inventory.

##### Canadian Domestic Substance List (DSL):

All ingredients are registered on the DSL.

### SECTION XVI: OTHER INFORMATION

<b>Date:</b> June 7, 2016	<b>Prepared By:</b> Technical Services Group	<b>Telephone:</b> 1 800 361-6766
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#### Disclaimer:

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond the control of supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries for consequential damages, which may result from the use or reliance on any information contained in this form. If user requires independent information on ingredients in this or other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (905-572-4400) or CSST in Montreal, Quebec (514-873-3990).