

# SAFETY DATA SHEET

## Lloyds Laboratories Inc.

### LX 2000 – 52316, 52504, 52520, 52545

#### 1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

**Identification of Preparation:** LX 2000  
**Date of Safety Data Sheet:** February 24, 2017  
**Use of Preparation:** Cleaner.  
**Company Identification:** Lloyds Laboratories Inc.  
613 Neal Drive,  
Peterborough,  
Ontario K9J 6X7

**Company Telephone Number:** 1 800 361-6766.

**24 Hour Telephone Number:** CANUTEC 613-996-6666 or \*666 for cell phone.

#### 2. HAZARD IDENTIFICATION

##### Emergency Overview:

##### OSHA / WHMIS 2015 Hazards

Classification of substance or mixture

##### GHS-US/Canadian classification:

Eye Irritant. Skin Irritant. Skin sensitizer.

##### Label Elements

##### GHS-US Labeling

##### Hazard Pictograms (GHS):



##### Signal Word (GHS):

Warning.

##### Hazard Statements (GHS):

H317: May cause allergic skin reaction.

H320: Causes eye irritation.

H315: May cause skin irritation.

##### Precautionary Statements (GHS):

P261: Avoid breathing mist or vapour.

P262: Do not get in eyes, on skin or on clothing.

P271: Contaminated work clothing must not be allowed out of the work place.

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

P333+ P313: If skin irritation or a rash occurs: Get medical advice/attention.

P501-Dispose of contents/container to comply with local, provincial/state and federal regulations.

#### 3. COMPOSITION / INFORMATION ON INGREDIENTS

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Chemical Description: Chemical Blend

Ingredient	CAS#	% by Wt	Classification
Alcohol ethoxylate	68002-97-1	3-7	Skin irritation Category 3– H316 Eye Irritation Category 2B – H320
D Limonene	5989-27-5	1-5	Acute Toxicity Category 4 (Oral) - H302 Skin Irritation Category 2 - H315 Skin sensitizer Category 1-H317
Dipropylene Glycol Monoethyl Ether	34590-94-8	1-5	Acute Toxicity Category 5 (Oral) - H303 Eye Irritation Category 2B– H320 STOT Repeated Exposure Category 2 – H373

#### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Remove to fresh air. If symptoms persist consult physician.
<b>Eye Contact:</b>	Remove contacts. Flush with water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Repeat if required. If irritation persists get medical attention.
<b>Skin Contact:</b>	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.
<b>Ingestion:</b>	Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personnel. Never give anything to an unconscious person. Get medical aid.
<b>Notes to Physician:</b>	Treatment based on judgment of attending physician.

#### 5. FIRE FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	Flood with water for extinguishing agent. CO2, dry chemical, alcohol resistant foam.
<b>Unsuitable extinguishing media:</b>	None known.
<b>Special exposure hazards:</b>	Thermal decomposition releases irritating gases.
<b>Special safety equipment:</b>	Self-contained positive pressure breathing apparatus and protective clothing.
<b>Fire and explosion:</b>	Not flammable. Not an explosive hazard.
<b>Further information:</b>	Keep containers and surrounding cool with water spray.

#### 6. ACCIDENTAL RELEASE MEASURES

##### **Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Do not get in eyes, on skin, or on clothing. Do not breathe vapour or mist.

##### **For Non-Emergency Personnel**

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

##### **For Emergency Personnel**

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area.

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#### Environmental Precautions

Prevent entry to sewers and public waters.

#### Methods and Material for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clear up spills immediately with absorbent and dispose of waste safely.

**Reference to Other Sections:** See Heading 8. Exposure controls and personal protection.

## 7. HANDLING AND STORAGE

#### Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Avoid splashes or spray in enclosed areas.

#### Information about fire and explosion protection:

Keep respiratory protective device available.

No special measures required.

#### Conditions for safe storage, including any incompatibilities:

**Storage:** Acids, Oxidizers, reducing agents.

#### Requirements to be met by storerooms and receptacles:

Store in a cool location.

Avoid storage near extreme heat, ignition sources or open flame.

#### Information about storage in one common storage facility:

Do not store together with alkaline products or strong acids.

Store away from oxidizing agents.

Store away from foodstuffs.

#### Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well ventilated area.

Keep container tightly sealed.

**Specific end use(s)** No further relevant information available.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Respiratory protection:</b>	Use local exhaust or dilution ventilation.
<b>Hand protection:</b>	Hand cleaner.
<b>Eye protection:</b>	Safety goggles or full face shield.
<b>Skin protection:</b>	Use body-covering impervious clothing.
<b>Working hygiene:</b>	Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.
<b>Exposure Guidelines:</b>	No ingredients with exposure levels.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Physical and Chemical Properties**

<b>Physical State</b>	Liquid.	<b>Odour</b>	Mild Citrus.
<b>Appearance</b>	Clear.	<b>Odour Threshold</b>	No data available.
<b>Colour</b>	Orange.		

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks/Method</u></b>
<b>pH</b>	10.5-11.0.	None known.
<b>Melting/Freezing Point</b>	No data available.	None known.
<b>Boiling Point/Range</b>	No data available.	None known.
<b>Flash Point</b>	Not applicable.	None known.
<b>Evaporation Rate</b>	Similar.	None known.
<b>Flammability (solid, gas)</b>	Not flammable.	None known.
<b>Flammability Limit in Air:</b>		
<b>Upper Limit</b>	No data available.	None known.
<b>Lower Limit</b>	No data available.	None known.
<b>Vapour Pressure</b>	No data available.	None known.
<b>Vapour density</b>	No data available.	None known.
<b>Specific Gravity</b>	0.99-1.01 g/cm <sup>3</sup> .	
<b>Water Solubility</b>	Soluble in water.	None known.
<b>Solubility Other Solvents</b>	No data available.	None known.
<b>Partition Coefficient:</b>		
<b>n-octanol/water</b>	No data available.	None known.
<b>Autoignition temperature</b>	No data available.	None known.
<b>Decomposition Temperature</b>	No data available.	None known.
<b>Kinematic Viscosity</b>	No data available.	None known.
<b>Dynamic Viscosity</b>	No data available.	None known.
<b>Explosive Properties</b>	No data available.	None known.
<b>Oxidizing Properties</b>	No data available.	None known.

**Other Properties:**

<b>Softening Point</b>	No data available.
<b>VOC Content %</b>	No data available.
<b>Particle Size</b>	No data available.
<b>Particle Size Distribution</b>	No data available.

**10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	Stable.
<b>Chemical stability</b>	Stable under recommended handling and storage conditions (see section 7).
<b>Thermal decomposition/conditions to avoid:</b>	No decomposition if used and stored according to specifications.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization will not occur.
<b>Conditions to avoid</b>	Direct sunlight. Extremely high or low temperatures. Contact with metallic substances.
<b>Hazardous decomposition products</b>	Carbon oxides (CO, CO <sub>2</sub> ). Sodium oxides.

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Materials to avoid  
Hazardous polymerization

Reducing agents. Strong acids.  
Will not occur.

#### 11. TOXICOLOGICAL INFORMATION

##### Information on toxicological effects

**Acute toxicity:** Harmful if swallowed.

**LD/LC50 values relevant for classification:**

Calculated LD 50 (Oral) Rat > 2,000 mg per Kg.

**On the skin:** Causes drying of the skin.

**On the eye:** Causes pain and redness.

**Respiratory or Skin Sensitization:** Skin D 'limonene.

**Additional toxicological information:**

**Carcinogenicity:**

**Chemical Name:** None.

#### 12. ECOLOGICAL INFORMATION

**Toxicity:** Not classified.

**Persistence and Degradability:** Not available.

**Bioaccumulative Potential:** Not available.

**Mobility in Soil:** Not available.

**Other Adverse Effects:**

**Other Information:** All of the organic components of this product are readily biodegradable.

#### 13. DISPOSAL

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

**Ecology – Waste Materials:** Avoid release to the environment.

#### 14. TRANSPORTATION INFORMATION

**U.S. Department of Transportation (DOT):** Not regulated.

**Canadian TDG (Road & Rail):** Not regulated.

**Water Transportation (IMO):** Not regulated.

**Air Transportation (IATA):** Not regulated.

#### 15. REGULATORY INFORMATION

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**Occupational Health & Safety Regulations:**  
**WHMIS 1988 Classification: Toxic T D2B**

**OSHA & WHMIS:** MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).

#### International Inventories

TSCA	-
DSL/NDSL	-
EINECS/ELINCS	Complies.
ENCS	Complies.
IECSC	Complies.
KECL	-
PICCS	-
AICS	Complies.

#### Legend:

**TSCA** - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List.

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances.

**ENCS** - Japan Existing and New Chemical Substances.

**IECSC** - China Inventory of Existing Chemical Substances.

**KECL** - Korean Existing and Evaluated Chemical Substances.

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances.

**AICS** - Australian Inventory of Chemical Substances.

#### U.S. State Regulations

##### California Proposition 65

This product does not contain any Proposition 65 chemicals.

#### HMIS III Rating

Health: 2 Minimal Hazard.

Flammability: 0 Minimal Hazard.

Physical: 0 Minimal Hazard.

Personal Protection: B.

SDS (GHS HazCom 2012 and WHMIS 2015).

#### **16. OTHER INFORMATION**

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**Prepared By:** Technical Department

**Issuing Date:** February 24, 2017

**Disclaimer:**

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**End of Safety Data Sheet**