

MATERIAL SAFETY DATA SHEET

Lloyds Laboratories Inc.

LX 4 Hands with scrubbers – 52705, 52709, 52721

SECTION I: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: LX 4 Hands with Scrubbers. **PRODUCT USE:** Heavy Duty Hand Cleaner.

MANUFACTURER: Lloyds Laboratories Inc. **SUPPLIER:** Lloyds Laboratories Inc.

ADDRESS: 613 Neal Drive, Peterborough, Ontario, K9J 6X7 **ADDRESS:** 613 Neal Drive, Peterborough, Ontario, K9J 6X7

EMERGENCY #: 1 800 361-6766 **EMERGENCY #:** 1 800 361-6766

SECTION II: INFORMATION ON INGREDIENTS

Ingredients	CAS#	Wt%	OSHA-PEL	ACGIH-TLV	LD ₅₀
Hydrotreated Light Naphthenic Petroleum Oil	64475-85-0	5-15%	5 mg/m ³ oil mist	5 mg/m ³ oil mist	> 2,000 mg/Kg (Oral/Rat)
Canola Oil	Not av	5-15%	Not av.	Not av.	> 5,000 mg/Kg (Oral/Rat)
White mineral oil	64742-47-8	5-15%	5 mg/m ³ oil mist	5 mg/m ³ oil mist	> 2,000 mg/Kg (Oral/Rat)
Hydrotreated Light Naphthenic Petroleum Oil	64475-85-0	5-15%	5 mg/m ³ oil mist	5 mg/m ³ oil mist	> 2,000 mg/Kg (Oral/Rat)
Polyethylene beads	9002-88-4	5-15%	Not av.	Not av.	> 2,000 mg/Kg (Oral/Rat)

SECTION III: HAZARDOUS IDENTIFICATION

Route of Entry: Eye, skin contact, ingestion.

Potential Health Effects:

Eye Contact: May cause severe irritation to eyes.

Skin Contact: May cause very slight irritation in the case of very sensitive skin.

Inhalation: May cause very slight nose, throat and respiratory tract irritation.

Ingestion: May cause irritation to mouth, esophagus and stomach. May cause gastric tract disorder and/or damage.

Chronic Effects:

Carcinogenicity: No ingredients listed IARC or NTP or ACGIC. .

Teratogenicity, Mutagenicity, Reproductive Effects: The ingredients in this product were found not to be mutagenic when tested by the Ames Assay, (OECD Guidelines for chemical testing, sec.471).

Skin: Repeated or prolonged exposures to dilutions can cause drying, defatting and dermatitis.

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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.

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, 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: Not flammable.

Flash Point deg (C,TCC): None.

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 0° C Ambient to 30° C (must be stored above 0° C at all times).
Transport temperature 0° C Ambient to 30° C (must be stored above 0° 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. Do not reuse empty containers.

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SECTION VIII: EXPOSURE CONTROL/PERSONAL PROTECTION

Gloves: Not required for normal usage.
Eye Protection: Not normally required for normal usage.
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

Boiling Point (deg C)	100	Specific Gravity (H₂O = 1):	0.88	Evaporation Rate (water=1):	similar
% Volatile (Wt%):	Not available	Solubility in water:	Complete	pH (as supplied):	Not applicable
Physical State:	Liquid	Viscosity:	Viscous		
Appearance / Odour:	Milky white 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

Routes of Entry: Eye contact. Inhalation. Ingestion.
Toxicity to Animals:
LD50: Not available. LC50: Not available.
Chronic Effects on Humans: Not known.
Other Toxic Effects on Humans: None known.
Special Remarks on Toxicity to Animals: Not available.
Special Remarks on Chronic Effects on Humans: Not available.
Special Remarks on other Toxic Effects on Humans: Not available.

SECTION XII: ECOLOGICAL INFORMATION

Biodegradability: No data available.

SECTION XIII: DISPOSAL CONSIDERATIONS

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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.

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.

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

Date:	June 9, 2016	Prepared By:	Technical Services Group	Telephone:	1800 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).