

# SAFETY DATA SHEET

## Lloyds Laboratories Inc.

### Red Heavy Lithium Complex Grease #2 – Part #66701

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

**Identification of Preparation:** Red Heavy Lithium Complex Grease # 2.  
**Date of Safety Data Sheet:** September 8, 2017  
**Use of Preparation:** Lubricant.  
**Company Identification:** Lloyds Laboratories Inc.  
613 Neal Drive,  
Peterborough,  
Ontario  
K9J 6X7

**Company Telephone Number** 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

Not classified as hazardous.

##### Classification of substance or mixture

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

Not hazardous.

##### Label Elements

##### GHS-US Labeling

##### Hazard Pictograms (GHS):

None.

##### Signal Word (GHS):

None.

##### Hazard Statements (GHS):

None.

##### Precautionary Statements (GHS):

P264: Wash thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

##### Response (GHS):

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.

#### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Description:** Chemical Blend.

Ingredient	CAS#	% by Wt	Classification
------------	------	---------	----------------

There are no ingredients present which, within the current knowledge of the manufacturer and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

# SAFETY DATA SHEET

## Lloyds Laboratories Inc.

### Red Heavy Lithium Complex Grease #2 – Part #66701

#### 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.

##### 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.

# SAFETY DATA SHEET

## Lloyds Laboratories Inc.

### Red Heavy Lithium Complex Grease #2 – Part #66701

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.

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

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>	Not normally required.
<b>Eye protection:</b>	Not normally required.
<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>	None.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

<u>Property</u>	<u>Values</u>	<u>Odour</u> <u>Odour Threshold</u> <u>Remarks/Method</u>	<u>Typical.</u> <u>No data available.</u>
<b>Physical State</b>	Solid.		
<b>Appearance</b>	Grease.		
<b>Colour</b>	Red.		
<b>pH</b>	Not applicable.	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>	No data available.	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>	No data available.		
<b>Water Solubility</b>	In soluble.	None known.	
<b>Solubility Other Solvents</b>	No data available.	None known.	

# SAFETY DATA SHEET

## Lloyds Laboratories Inc.

### Red Heavy Lithium Complex Grease #2 – Part #66701

<b>Partition Coefficient:</b>		
n-octanol/water	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>	Normally 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>	None known.
<b>Hazardous decomposition products</b>	Carbon oxides (CO, CO <sub>2</sub> ). Sodium oxides.
<b>Materials to avoid</b>	Reducing agents. Strong acids.
<b>Hazardous polymerization</b>	Will not occur.

## 11. TOXICOLOGICAL INFORMATION

#### Information on toxicological effects

**Acute toxicity:** Harmful if swallowed.

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

LD50 (Oral, rat): >5000 mg/kg.

LD50 (Dermal, rabbit): >5000 ml/kg.

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

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

**Respiratory or Skin Sensitization:** Not classified.

#### Additional toxicological information:

**Carcinogenicity:**

**Chemical Name** None

# SAFETY DATA SHEET

## Lloyds Laboratories Inc.

### Red Heavy Lithium Complex Grease #2 – Part #66701

#### 12. ECOLOGICAL INFORMATION

<b>Toxicity:</b>	Not classified.
<b>Persistence and Degradability:</b>	Not available.
<b>Bioaccumulative Potential:</b>	Not available.
<b>Mobility in Soil:</b>	Not available.
<b>Other Adverse Effects:</b>	
<b>Other Information:</b>	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

**Occupational Health & Safety Regulations:**

**WHMIS Classification:** Not regulated.

**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

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

# SAFETY DATA SHEET

## Lloyds Laboratories Inc.

### Red Heavy Lithium Complex Grease #2 – Part #66701

**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.

Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

#### U.S. State Regulations

##### California Proposition 65

This product does not contain any Proposition 65 chemicals.

##### HMIS III Rating

Health: 0 Minimal Hazard.

Flammability: 0 Minimal Hazard.

Physical: 0 Minimal Hazard.

Personal Protection: B.

SDS US (GHS HazCom 2012 and WHMIS 2015).

#### 16. OTHER INFORMATION

**Prepared By:** Technical Department

**Issuing Date:** September 8, 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**