



# MATERIAL SAFETY DATA SHEET

## Lloyds Laboratories Inc.

### COIL CLEANER – Part # 42822, 42804

#### 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: Immediately flush with water for 15 minutes. 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.

Auto Ignition Temperature: Not applicable.

Flame Propagation or Burning Rate of Solid: Not applicable.

Sensitivity to Static Discharge: Not sensitive.

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

Hazardous Decomposition Products: Oxides of Carbon, 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. 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.

# MATERIAL SAFETY DATA SHEET

## Lloyds Laboratories Inc.

### COIL CLEANER – Part # 42822, 42804

#### SECTION VIII: EXPOSURE CONTROL / PERSONAL PROTECTION

Gloves: Impervious protective gloves for extended exposure.  
Eye Protection: Chemical splash goggles in case of likelihood of splashing.  
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>Boiling Point (deg C):</b>	100°	<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	1.02	<b>Evaporation Rate (water = 1):</b>	<1
<b>% Volatile (Wt%):</b>	79%	<b>Solubility in water:</b>	Complete	<b>pH (as supplied):</b>	10.5 – 11.5
<b>Physical State:</b>	Liquid	<b>Viscosity:</b>	As water	<b>Freezing point:</b>	0°
<b>Appearance / Odour:</b>	Clear water white, typical odour				

#### SECTION X: STABILITY AND REACTIVITY

Conditions for Chemical Instability: Stable.  
Incompatible Materials: Strong reducing agents, oxidizing agents and acids.  
Hazardous Decomposition Products: Oxides of Carbon, Nitrogen.

#### SECTION XI: TOXICOLOGICAL INFORMATION

Ingestion: Components of this product had an oral (rat) LD50 of over 1100 ppm.

#### 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. Urea salt is biodegradable

#### SECTION XIII: DISPOSAL CONSIDERATIONS

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

# MATERIAL SAFETY DATA SHEET

## Lloyds Laboratories Inc.

### COIL CLEANER – Part # 42822, 42804

#### 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 (CFR29.19201200) 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 these ingredients are listed.

RCRA 40 CFR 261 (Subpart D):

None of these ingredients are listed.

CLEAN WATER ACT – Section 311 (Reportable Qty) 40 CFR 116:

None of these ingredients are listed.

CLEAN AIR ACT – Section 312 (List of Hazardous Pollutants) 40 CFR 63 (Subpart C):

None of these ingredients are listed.

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

Date:	April 15, 2016	Prepared By:	Technical Services Group	Telephone:	1 800 361-6766
-------	----------------	--------------	--------------------------	------------	----------------

##### 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 of Occupational Health and Safety (CCOHS) in Hamilton, Ontario (905-572-4400 or CSST in Montreal, Quebec (514-873-3990).