

SAFETY DATA SHEET

Lloyds Laboratories Inc.

Restaurant Hood Cleaner – Part #42704, 42720

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

Identification of Preparation: Restaurant Hood Cleaner
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: 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:
GHS Hazards
Skin Corrosive 1A H314.
Eye Damage 1 H318.
Corrosive to Metal H302.

Label Elements
GHS-US/ Canada Labeling
Hazard Pictograms (GHS):



Signal Word (GHS): Danger.
Hazard Statements (GHS):
H290-May be corrosive to metals.
H302-Harmful if swallowed
H314-Causes severe skin burns and eye damage
Precautionary Statements (GHS):
P260: Do not breathe mist, spray, and vapours.
P280: Wear face protection, protective clothing, protective gloves, and eye protection.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

SAFETY DATA SHEET
Lloyds Laboratories Inc.
Restaurant Hood Cleaner – Part #42704, 42720

P310: Immediately call a POISON CENTER or doctor/physician.

P303+P361+P353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

P363: Wash contaminated clothing before re-use.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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.

P315: Get immediate medical advice/attention.

P501: Dispose of contents / container in accordance with local regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Description: Chemical Blend.

Ingredient	CAS#	% by Wt	Classification
Potassium Hydroxide	1310-58-3	25-35	Acute Toxicity Category 4(Oral) - H302 Skin Corrosion Category 1A – H314 Eye Damage / Irritant Category 1– H318 Aquatic Hazard (Acute) Category 3 – H402 Corrosive to metals category 1-H 290
Alcohol ethoxylate	68002-97-1	1-5	Skin irritation Category 3– H316 Eye Irritation Category 2B – H320

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If symptoms persist consult physician.

Eye Contact: 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.

Skin Contact: Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.

Ingestion: 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.

Notes to Physician: Treatment based on judgment of attending physician.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Flood with water for extinguishing agent. CO2, dry chemical, alcohol resistant foam.

Unsuitable extinguishing media: None known.

Special exposure hazards: Thermal decomposition releases irritating gases.

Special safety equipment: Self-contained positive pressure breathing apparatus and protective clothing.

Fire and explosion: Not flammable. Not an explosive hazard.

Further information: Keep containers and surrounding cool with water spray.

SAFETY DATA SHEET

Lloyds Laboratories Inc.

Restaurant Hood Cleaner – Part #42704, 42720

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.

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.

Protect from humidity and water.

Unsuitable material for receptacle: aluminium.

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

Respiratory protection: Use local exhaust or dilution ventilation.

Hand protection: Chemical resistant gloves.

SAFETY DATA SHEET
Lloyds Laboratories Inc.
Restaurant Hood Cleaner – Part #42704, 42720

Eye protection: Safety goggles or full face shield.
Skin protection: Use body-covering impervious clothing.
Working hygiene: Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.

Potassium Hydroxide ACGIH Ceiling 2 mg/m³ OSHA PEL (TWA) 2 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	Liquid.	Odour	Typical.
Appearance	Clear.	Odour Threshold	No data available.
Colour	Water white- amber.	Remarks/Method	
Property	Values		
pH	13.5 ± 0.5.	None known.	
Melting/Freezing Point	No data available.	None known.	
Boiling Point/Range	No data available.	None known.	
Flash Point	Not applicable.	None known.	
Evaporation Rate	Similar.	None known.	
Flammability (solid, gas)	Not flammable.	None known.	
Flammability Limit in Air:			
Upper Limit	No data available.	None known.	
Lower Limit	No data available.	None known.	
Vapour Pressure	No data available.	None known.	
Vapour density	No data available.	None known.	
Specific Gravity	1.11-1.12 g/cm ³ .		
Water Solubility	Soluble in water.	None known.	
Solubility Other Solvents	No data available.	None known.	
Partition Coefficient:			
n-octanol/water	No data available.	None known.	
Autoignition temperature	No data available.	None known.	
Decomposition	No data available.	None known.	
Temperature			
Kinematic Viscosity	No data available.	None known.	
Dynamic Viscosity	No data available.	None known.	
Explosive Properties	No data available.	None known.	
Oxidizing Properties	No data available.	None known.	
<u>Other Properties:</u>			
Softening Point	No data available.		
VOC Content %	No data available.		
Particle Size	No data available.		
Particle Size Distribution	No data available.		

SAFETY DATA SHEET

Lloyds Laboratories Inc.

Restaurant Hood Cleaner – Part #42704, 42720

10. STABILITY AND REACTIVITY

Reactivity	None known.
Chemical stability	Stable under recommended handling and storage conditions (see section 7).
Thermal decomposition/conditions to avoid:	No decomposition if used and stored according to specifications.
Possibility of hazardous reactions	Hazardous polymerization will not occur.
Conditions to avoid	Direct sunlight. Extremely high or low temperatures. Contact with aluminum surfaces.
Hazardous decomposition products	Carbon oxides (CO, CO ₂). Sodium oxides.
Materials to avoid	Metals such as aluminum. Reducing agents. Strong acids.
Hazardous polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects
Acute toxicity: Harmful if swallowed.
LD/LC50 values relevant for classification:
No data available.
On the skin: Causes severe skin irritation and eye damage. (PH: 13.5).
On the eye: Causes serious eye damage. (PH: 13.5).
Respiratory or Skin Sensitization: Not classified.
Additional toxicological information:
Carcinogenicity:
Chemical Name
IARC None.
NTP 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.

SAFETY DATA SHEET
Lloyds Laboratories Inc.
Restaurant Hood Cleaner – Part #42704, 42720

14. TRANSPORTATION INFORMATION

Canadian T.D.G.: Regulated Material (quantity under 1 litres can be shipped Limited Quantity)

Proper Shipping Name: Caustic Alkali liquid, N.O.S.

Contains (Sodium Hydroxide)

Hazard Class: 8

ID Number: UN 1719

Packing Group: II



Water Transportation (IMDG): Regulated Material

Proper Shipping Name: Caustic alkali liquid, N.O.S.

Contains (Potassium Hydroxide)

Hazard Class: 8

ID Number: UN 1719

Packing Group: II



Air Transportation (IATA): Regulated Material

Proper Shipping Name: Caustic alkali liquid, N.O.S.

Contains (Potassium Hydroxide)

Hazard Class: 8

ID Number: UN 1719

Packing Group: II



US DOT: Regulated material

Air Transportation (IATA): Regulated Material

Proper Shipping Name: Caustic alkali liquid, N.O.S.

Contains (Potassium Hydroxide)

Hazard Class: 8

ID Number: UN 1719

Packing Group: II

SAFETY DATA SHEET

Lloyds Laboratories Inc.

Restaurant Hood Cleaner – Part #42704, 42720



15. REGULATORY INFORMATION

Occupational Health & Safety Regulations:

WHMIS 1988 Classification: Class D - Division 2B, Class E



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. NTA in this product is labeling exempt NSRL or no significant risk level.

SAFETY DATA SHEET
Lloyds Laboratories Inc.
Restaurant Hood Cleaner – Part #42704, 42720

HMIS III Rating

Health: 3 Hazard.

Flammability: 0 Minimal Hazard.

Physical: 0 Minimal Hazard.

Personal Protection: C.

SDS US (GHS HazCom 2012 and WHMIS 2015).

16. OTHER INFORMATION

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