

**SECTION 1 - PRODUCT AND COMPANY INFORMATION**

Product Name: : Lemon Neutral  
 Product Use: : All purpose scented cleaner  
 Supplier Name and Address: : Corporate Facility Supply  
 7 Neilson Street  
 St. Catharines, ON L2M 5V9  
 Telephone: : (905) 682-8888  
 Emergency Telephone: : CANUTEC (613) 996-6666

**SECTION 2 - HAZARD IDENTIFICATION**

**EMERGENCY OVERVIEW**

**Physical State:** : Liquid  
**GHS Classification:**  
 Eye Irritation: : Category 2  
 Skin Irritation: : Category 2  
 Acute Toxicity : Category 4  
**GHS Label Elements:**  
 Hazard Pictograms



Signal Word: Warning  
 Hazard Statements: H302 Harmful if swallowed  
 H315 Causes skin irritation  
 H320 Causes eye irritation  
 Precautionary Statements: **Prevention**  
 P263 Do not get in eyes, on skin, or on clothing  
 P280 Wear protective gloves/protective clothing, eye protection/face protection  
**Response**  
 P302+P352 IF ON SKIN: Wash with plenty of water  
 P332+P313 If skin irritation occurs: Get medical advice/attention  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Potential Health Effects:**  
 Inhalation : Extremely irritating and/or corrosive to the eyes, nose, throat, and lungs  
 Skin : Dangerous in case of skin contact. Causes tissue damage  
 Eyes : Contact can result in corneal damage or blindness, immediate pain, severe burns  
 Ingestion : Harmful or fatal if swallowed. May burn mouth, throat, and stomach  
 Aggravated Medical Condition : None known  
 Symptoms of Overexposure : None known

**SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS**

**HAZARDOUS INGREDIENTS**

Chemical Name	CAS-No.	Concentration [%]
Lauryl Alcohol Ethoxylate, POE-7	68002-97-1	3
Sodium Lauryl Sulfate	151-21-3	3
Sodium Citrate	6132-04-3	3
Diethylene glycol monobutyl ether	112-34-5	1
1-propoxy-2-propanol	1569-01-3	1

**SECTION 4 - FIRST-AID MEASURES**

<b>General Advice</b>	: Move out of dangerous area Consult a physician Show this Safety Data Sheet to the doctor in attendance
<b>Inhalation</b>	: Move victim to fresh air. Give artificial respiration only if breathing has stopped. Give cardiopulmonary resuscitation (CPR) if there is no breathing and no pulse. Obtain medical attention immediately.
<b>Skin Contact</b>	: Immediately flush with cool water for 15 minutes while removing contaminated clothing and shoes. Discard or wash well before reuse. Seek medical attention if irritation develops/persists.
<b>Eye Contact</b>	: If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Get medical attention if irritation develops and persists. Rinse with water. Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Seek medical attention if irritation develops.
<b>Ingestion</b>	: Do not induce vomiting. Rinse mouth with water then drink one or two glasses of water. Seek medical attention, or contact poison control centre immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. IF SWALLOWED: immediately call a POISON CENTRE or doctor/physician.

**SECTION 5 - FIRE-FIGHTING MEASURES**

<b>Suitable extinguishing media</b>	: Alcohol foam, carbon dioxide, dry chemical
<b>Specific hazards arising from the chemical</b>	: None known
<b>Special protective actions for fire-fighters</b>	: None
<b>Additional advice</b>	: Fire-fighters should wear chemical-resistant clothing (i.e. chemical splash suit) and a positive pressure self-contained breathing apparatus as approved by NIOSH/MHSA

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

<b>Personal precautions</b>	: Wear appropriate protective equipment.
<b>Environmental precautions</b>	: Prevent entry into sewers or streams. Dike if needed.
<b>Methods and materials for containment/ cleaning up</b>	: Isolate hazard area and restrict access. Try to work upwind of spill. Ventilate area. Prevent spilled material from entering sewers, confined spaces, drains, or waterways. Absorb with an inert dry material and place in an appropriate waste disposal container. Clean up residual with absorbent material and wash with water.
<b>Additional advice</b>	: None

**SECTION 7 - HANDLING AND STORAGE**

<b>Precautions for safe handling</b>	: Use of nitrile gloves and eye protection is optional.
<b>Conditions for safe storage</b>	: Keep out of reach of children. Do not freeze. Store in a closed container away from incompatible materials as provided in Section 10.
<b>Other data</b>	: Do not freeze.

**SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION**

<b>Control parameters</b>	: Not available
<b>Engineering Controls</b>	: Normal building ventilation is adequate. Ensure that eyewash stations and safety showers are close to the workstation location
<b>Personal Protective Equipment</b>	
Eye/face protection	: Safety glasses with side shields when there is potential for eye contact. Face shield also recommended for handling large amounts. Contact lenses should not be worn
Hand protection	: Nitrile or rubber gloves are recommended
Skin protection	: Protective coveralls or thick clothing that covers exposed skin
Respiratory protection	: Wear a NIOSH/MSHA approved air-purifying respirator equipped with chlorine cartridges when vapours reach high levels
Hygiene measures	: Handle in accordance with good industrial hygiene and safety practice When using do not eat or drink When using do not smoke Wash hands before breaks and at the end of the workday

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	: Clear, yellow liquid
<b>Odor:</b>	: Fragrant citrus
<b>Odor Threshold:</b>	: Not available
<b>pH:</b>	: 8.10
<b>Melting point/ freezing point:</b>	: Not available
<b>Initial boiling point and boiling range:</b>	: 100°C
<b>Flash point:</b>	: Not available
<b>Evaporation rate:</b>	: Not available
<b>Flammability (solid, gas):</b>	: Not available
<b>Upper/lower flammability or explosive limits:</b>	: Not available
<b>Vapour pressure:</b>	: Not available

Vapour density:	: Not available
Relative density (g/mL):	: 1.15
Water solubility:	: Not available
Solubility in other solvents:	: Not available
Partition coefficient: n-octanol/water:	: Not available
Auto-ignition temperature:	: Not available
Decomposition temperature:	: Not available
Viscosity:	: As water

**SECTION 10 - STABILITY AND REACTIVITY**

Reactivity	: Product is stable
Chemical Stability	: Stable under normal conditions
Possibility of hazardous reactions	: Hazardous decomposition products are not known
Conditions to avoid	: Avoid contact with oxidizing chemicals.
Incompatible materials	: Strong oxidizing agents
Hazardous decomposition products	: Not available

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**Product Information**

Acute toxicity	: LD50 Not available
Skin Corrosion/ Irritation	: Not available
Serious eye damage/irritation	: Not available
Respiratory or skin sensitization	: Not available
Germ cell mutagenicity	: Not available
Carcinogenicity	: Not available
Reproductive toxicity	: Not Available
STOT-single exposure	: Not available
STOT-repeated exposure	: Not available
Aspiration hazard	: Not available

**Toxicology Data for Ingredients**

**Lauryl Alcohol Ethoxylate, POE-7**

Acute toxicity	: LD50 dermal, rabbit: >2g/kg LD50 oral, rat: 2-3.34 g/kg
Skin irritation	: Causes skin irritation. Prolonged skin contact may cause temporary irritation.
Eye irritation	: Not available
Sensitization	: Not available

**Sodium Lauryl Sulfate**

Acute toxicity	: LD50 dermal, rat: >2000 mg/kg LD50 oral, rat: 1200 mg/kg
Skin irritation	: Causes skin irritation
Eye irritation	: Irritating to eyes
Sensitization	: Not available

**Sodium Citrate**

Acute toxicity	: Not available
Skin irritation	: Slightly hazardous in case of skin contact (irritant), ingestion, or inhalation.
Eye irritation	: Not available
Sensitization	: Not available

**Diethylene glycol monobutyl ether**

Acute toxicity	: LD50 oral, rat: 7292 mg/kg LD50 oral, mouse: 2406 mg/kg LD50 dermal, rabbit: 2764 mg/kg
Skin irritation	: Caused mild skin irritation in rabbits and guinea pigs
Eye irritation	: Caused moderate irritation in rabbits
Sensitization	: Not available

**1-propoxy-2-propanol**

Acute toxicity

: LD50 oral, rat: 4330 mg/kg  
: LD50 inhalation, rat: 9.0 mg/l 6 hours  
: LD50 dermal, rabbit: 4330 mg/kg

Skin irritation

: Not expected to cause sensitization by skin contact

Eye irritation

: Causes eye irritation

Sensitization

: Not expected to cause sensitization by skin contact

**SECTION 12 - ECOLOGICAL INFORMATION**

**Product Information:**

Toxicity: : Not available

Persistence and degradability: : Not available

Bioaccumulative potential: : Not available

Mobility in soil: : Not available

Other adverse effects: : Not available

**Toxicology Data for Ingredients:**

**Lauryl Alcohol Ethoxylate, POE-7**

Toxicity: : EC50 algae: 1-10 mg/l 72 hours  
: EC50 Daphnia: 1-10 mg/l 48 hours  
: LC50 fish: 1-10 mg/l 96 hours

Persistence and degradability: : Readily biodegradable

Bioaccumulative potential: : Not available

Mobility in soil: : Not available

Other adverse effects: : Toxic to aquatic life. Harmful to aquatic life with long lasting effects

**Sodium Lauryl Sulfate**

Toxicity: : EC50 Crustacea: 1.37-4.7 mg/l 48 hours  
: LC50 fish: 1-10 mg/l  
: LC50 fish: 3.6 mg/l 96 hours

Persistence and degradability: : Readily biodegradable

Bioaccumulative potential: : Not available

Mobility in soil: : Not available

Other adverse effects: : Toxic to aquatic life. Harmful to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected.

**Sodium Citrate**

Toxicity: : Not available

Persistence and degradability: : Possible hazardous short term degradation products are not likely. However, long term degradation products may arise.

Bioaccumulative potential: : Not available

Mobility in soil: : Not available

Other adverse effects: : Not available

**Diethylene glycol monobutyl ether**

Toxicity: : LC50 goldfish: 2700 mg/l 24 hours  
: LC50 bluegill sunfish: 1300 mg/l 96 hours

Oxygen Demand Data

BOD-5: 250 mg/g

COD: 2080 mg/g

Persistence and degradability: : Not available

Bioaccumulative potential: : Not available

Mobility in soil: : Not available

Other adverse effects: : Not available

**1-propoxy-2-propanol**

Toxicity: : LC50 rainbow trout: >100 mg/l 96 hours

Persistence and degradability:  
Bioaccumulative potential:  
Mobility in soil:

NOEC water flea: 100 mg/l 48 hours  
NOEC algae: 500 mg/l 96 hours  
: 91.5%. Rapidly biodegradable  
: This material is not expected to bioaccumulate  
: This substance is highly soluble and is predicted to remain  
in solution and move readily through water columns/or  
groundwater until biodegraded. It is expected to be highly  
mobile in soil and to readily leach from soil to groundwater  
where it can undergo biodegradation. This substance is  
unlikely to volatilize from moist soils or surface waters, but  
some volatilization from dry surface soils is possible.  
: Not available

Other adverse effects:

**SECTION 13 - DISPOSAL CONSIDERATIONS**

**Product**

: Sanitary sewer or dry absorbent if available.  
For large quantities, contact local environmental  
department or government authorities  
Do not dispose in drains, waterways, or soil  
Do not contaminate ponds, or ditches with chemical or the  
used container

**SECTION 14 - TRANSPORT INFORMATION**

**UN Number** : Not available  
**UN Proper Shipping Name** : Not available  
**Transport hazard class(es)** : Not available  
**Packing group, if applicable** : Not available  
**Environmental hazards** : Not available  
**Special precautions for user** : Not available  
**Transport in bulk according to Annex II of  
MARPOL 73/78 and the IBC Code** : Not applicable

**SECTION 15 - REGULATORY INFORMATION**

**WHMIS Status** : Not known  
**WHMIS classification** : Not known

**SECTION 16 - OTHER INFORMATION**

**Prepared by:** Technical Services  
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**Preparation date:** January 2018

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