

# SAFETY DATA SHEET

## Lemon Neutral

### SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name:	Lemon Neutral
Product Use:	All purpose scented cleaner
Supplier Name and Address:	Corpack Canada 16 Seapark Drive, St. Catharines, ON L2M 6S6
Telephone:	: (905) 682-8888
Emergency Telephone:	: CANUTEC (613) 996-6666

### SECTION 2 - HAZARD IDENTIFICATION

#### EMERGENCY OVERVIEW

<b>Physical State:</b>	: Liquid
<b>GHS Classification:</b>	
Eye Irritation:	: Category 2
Skin Irritation:	: Category 2
Acute Toxicity	: Category 4
<b>GHS Label Elements:</b>	
Hazard Pictograms	



Signal Word:	Warning
Hazard Statements:	H302 Harmful if swallowed H315 Causes skin irritation H320 Causes eye irritation
Precautionary Statements:	<b>Prevention</b> P263 Do not get in eyes, on skin, or on clothing P280 Wear protective gloves/protective clothing, eye protection/face protection <b>Response</b> 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.
<b>Potential Health Effects:</b>	
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



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Aggravated Medical Condition  
Symptoms of Overexposure

: None known  
: 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

**Suitable extinguishing media** : Alcohol foam, carbon dioxide, dry chemical  
**Specific hazards arising from the chemical** : None known



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**Special protective actions for fire-fighters** : None  
**Additional advice** : 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

**Personal precautions** : Wear appropriate protective equipment.  
**Environmental precautions** : Prevent entry into sewers or streams. Dike if needed.  
**Methods and materials for containment/cleaning up** : 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.  
**Additional advice** : None

### SECTION 7 - HANDLING AND STORAGE

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

### SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Control parameters** : Not available  
**Engineering Controls** : Normal building ventilation is adequate. Ensure that eyewash stations and safety showers are close to the workstation location  
**Personal Protective Equipment**  
**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

**Appearance:** : Clear, yellow liquid  
**Odor:** : Fragrant citrus

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

### SECTION 10 - STABILITY AND REACTIVITY

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

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Acute toxicity	: Not available
Skin irritation	: Slightly hazardous in case of skin contact (irritant), ingestion, or inhalation.
Eye irritation	: Not available
Sensitization	: Not available
<b>Diethylene glycol monobutyl ether</b>	
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
<b>1-propoxy-2-propanol</b>	
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



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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  
: NOEC water flea: 100 mg/l 48 hours  
: NOEC algae: 500 mg/l 96 hours

Persistence and degradability: : 91.5%. Rapidly biodegradable  
Bioaccumulative potential: : This material is not expected to bioaccumulate  
Mobility in soil: : 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.

Other adverse effects: : Not available

### 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



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### SECTION 16 - OTHER INFORMATION

**Prepared by:** Technical Services  
**Telephone number:** (905) 682-8888

**Preparation date:** January 2018

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