

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 St.Catharines, ON L2M 6S6 O
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



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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

General Advice	: Move out of dangerous area Consult a physician Show this Safety Data Sheet to the doctor in attendance
Inhalation	: 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.
Skin Contact	: 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.
Eye Contact	: 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.
Ingestion	: 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
Special protective actions for fire-fighters	: None
Additional advice	: Fire-fighters should wear chemical-resistant clothing (i.e. chemical splash suit) and a



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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
Odor Threshold:	: Not available
pH:	: 8.10
Melting point/ freezing point:	: Not available
Initial boiling point and boiling range:	: 100°C
Flash point:	: Not available

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Evaporation rate:	: Not available
Flammability (solid, gas):	: Not available
Upper/lower flammability or explosive limits:	: Not available
Vapour pressure:	: 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

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Skin irritation Eye irritation Sensitization 1-propoxy-2-propanol Acute toxicity	LD50 oral, mouse: 2406 mg/kg LD50 dermal, rabbit: 2764 mg/kg : Caused mild skin irritation in rabbits and guinea pigs : Caused moderate irritation in rabbits : Not available : LD50 oral, rat: 4330 mg/kg LD50 inhalation, rat: 9.0 mg/l 6 hours LD50 dermal, rabbit: 4330 mg/kg
Skin irritation Eye irritation Sensitization	: Not expected to cause sensitization by skin contact : Causes eye irritation : 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



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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

SECTION 16 - OTHER INFORMATION

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

Preparation date: January 2018

NOTICE: The data and information presented herein are based upon tests, research and reports which are considered by us to be reliable and believed to be accurate. The data and information are presented without warranty, guarantee or liability on our part, and are presented to the customer for his own consideration, investigation and verification. If user requires independent information on ingredients in this or any other material, we recommend contact with Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (905 572-4400)



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