

# SAFETY DATA SHEET

## Citrus Clean

### SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name: : Citrus Clean  
 Product Use: : Cleaning agent  
 Supplier Name and Address: : Corpack Canada  
 16 Seapark  
 St.Catharines, ON L2M 6S6

Telephone: : (905) 682-8888  
 Emergency Telephone: : CANUTEC (613) 996-6666

### SECTION 2 - HAZARD IDENTIFICATION

#### EMERGENCY OVERVIEW

**Physical State:** : Viscous liquid  
**GHS Classification:**  
 Eye Irritation: : Category 2B  
 Skin Irritation: : Category 3  
 Acute Toxicity : Category 3  
**GHS Label Elements:**  
 Hazard Pictograms



Signal Word: Warning  
 Hazard Statements: 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 : Moderately irritating to the eyes, nose, throat and lungs. High concentration of vapours or misting may cause irritation. Excessive exposure may cause irritation to upper respiratory tract (nose and throat)  
 Skin : May cause skin irritation.  
 Eyes : May cause eye irritation.  
 Ingestion : May be harmful if swallowed, causing nausea, vomiting and diarrhea. Possible central nervous system depression, headache, giddiness and loss of co-ordination.



# SAFETY DATA SHEET

## Citrus Clean

Aggravated Medical Condition  
Symptoms of Overexposure

: None known  
: None known

### SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

#### HAZARDOUS INGREDIENTS

Chemical Name	CAS-No.	Concentration [%]
Sodium metasilicate pentahydrate	6834-92-0	3
Dipropylene glycol monobutyl ether	34590-94-8	2-5
Fatty alcohol ethoxylate	68131-39-5	3
D'limonene	5989-27-5	1-5

### 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 in 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



# SAFETY DATA SHEET

## Citrus Clean

**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**

**Skin protection**

: Nitrile or rubber gloves are recommended  
: 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, viscous, orange liquid

**Odor:**

: Citrus

**Odor Threshold:**

: Not available

**pH:**

: 7-8.5

**Melting point/ freezing point:**

: Not available

**Initial boiling point and boiling range:**

: Not available

**Flash point:**

: Not available

# SAFETY DATA SHEET

## Citrus Clean

<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>	: 1.03
<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**

**Sodium Metasilicate Pentahydrate**

Acute toxicity	: LD50 (oral, rat) 1153 mg/kg LC50 (inhalation, rat) 20000 ppm/10h
Skin irritation	: Not available
Eye irritation	: Not available
Sensitization	: Not available

**Dipropylene glycol monobutyl ether**

Acute toxicity	: LD50 (oral, rat) 7292 mg/kg LD50 (skin, rabbit) 2764 mg/kg LC50 Not available
Skin irritation	: Not available
Eye irritation	: Not available
Sensitization	: Not available

**Fatty alcohol ethoxylate**

Acute toxicity	: LD50 (oral, rat) 2000 mg/kg LC50 Not available
Skin irritation	: Not available
Eye irritation	: Not available
Sensitization	: Not available

**D'limonene**

Acute toxicity	: LD50 (oral, rat) 4400 mg/kg
----------------	-------------------------------

# SAFETY DATA SHEET

## Citrus Clean

	LD50 (skin, rabbit) >2000 mg/kg
	LC50 Not available
Skin irritation	: Not available
Eye irritation	: Not available
Sensitization	: Not available
<b>Coconut diethanolamide</b>	
Acute toxicity	: LD50 (oral, rat) 5000-10000 mg/kg
	LC50 Not available
Skin irritation	: Not available
Eye irritation	: Not available
Sensitization	: Not available

### 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:**

**Sodium metasilicate pentahydrate**

Toxicity: : LC50 Not available

Persistence and degradability: : Not available

Bioaccumulative potential: : Not available

Mobility in soil: : Not available

Other adverse effects: : Not available

**Dipropylene glycol monobutyl ether**

Toxicity: : LC50 Not available

Persistence and degradability: : Not available

Bioaccumulative potential: : Not available

Mobility in soil: : Not available

Other adverse effects: : Not available

**Fatty alcohol ethoxylate**

Toxicity: : LC50 Not available

Persistence and degradability: : Not available

Bioaccumulative potential: : Not available

Mobility in soil: : Not available

Other adverse effects: : Not available

**D'limonene**

Toxicity: : LC50 Not available

Persistence and degradability: : Not available

Bioaccumulative potential: : Not available

Mobility in soil: : Not available

Other adverse effects: : Not available

**Coconut diethanolamide**

Toxicity: : LC50 Not available

Persistence and degradability: : Not available

Bioaccumulative potential: : Not available

Mobility in soil: : Not available

Other adverse effects: : Not available

### SECTION 13 - DISPOSAL CONSIDERATIONS

**Product** : Sanitary sewer or dry absorbent if available.



# SAFETY DATA SHEET

## Citrus Clean

Page 6 of 6

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 : D2B

### 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)