

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name: : Citrus Clean
 Product Use: : Cleaning agent
 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: : 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.
 Aggravated Medical Condition : 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
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, 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
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):	: 1.03
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

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 LD50 (skin, rabbit) >2000 mg/kg LC50 Not available
Skin irritation	: Not available
Eye irritation	: Not available

Sensitization	: Not available
Coconut diethanolamide	
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

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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
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 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.
 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

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