

# SAFETY DATA SHEET

## Clarity

### SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name:	: Clarity
Product Use:	: Neutral all purpose hard surface cleaner
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

<b>Physical State:</b>	: Liquid
<b>GHS Classification:</b>	
Eye Irritation:	: Category 2B
Skin Irritation:	: Category 3
Acute Toxicity	: Category 4
<b>GHS Label Elements:</b>	
Hazard Pictograms	



Signal Word:	Warning
Hazard Statements:	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	: No known significant effects or critical hazards.
Skin	: Slightly irritating to the skin.
Eyes	: Slightly irritating to the eyes.
Ingestion	: No known significant effects or critical hazards.
Aggravated Medical Condition	: None known
Symptoms of Overexposure	: None known



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### SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

#### HAZARDOUS INGREDIENTS

Chemical Name	CAS-No.	Concentration [%]
Nonionic surfactant	9002-92-0	5
Sodium Lauryl Sulfate	151-21-3	1-5

### 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 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

<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

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<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 liquid
<b>Odor:</b>	: Unscented
<b>Odor Threshold:</b>	: Not available
<b>pH:</b>	: 7.0-9.0
<b>Melting point/ freezing point:</b>	: 0°C
<b>Initial boiling point and boiling range:</b>	: 100°C
<b>Flash point:</b>	: >120°C
<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>	: 1.01



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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

##### Nonionic Surfactant

Acute oral toxicity : LD50 Dermal, rabbit: >2 g/kg  
LD50 Oral, rat: 2-3.34 g/kg  
Skin irritation : Causes skin irritation  
Eye irritation : Not available  
Sensitization : Not available

##### Sodium Lauryl Sulfate

Acute oral toxicity : LD50 Acute Dermal, rat: >2000mg/kg  
LD50 Acute Oral, rat: 1200 mg/kg  
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:

##### Nonionic Surfactant

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



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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.

### 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

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