

# SAFETY DATA SHEET CLEARSHINE

## SECTION 1 - PRODUCT AND COMPANY INFORMATION

|                            |                                                             |
|----------------------------|-------------------------------------------------------------|
| Product Name:              | : Clearshine                                                |
| Product Use:               | : Window and Glass Cleaner                                  |
| Supplier Name and Address: | : Corpack Canada<br>16 Seapark<br>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 3 |
| Skin Irritation:           | : Category 3 |
| Acute Toxicity             | : Category 4 |
| <b>GHS Label Elements:</b> |              |
| Hazard Pictograms          |              |



|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Signal Word:                     | Warning                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Hazard Statements:               | H315 Causes skin irritation<br>H320 Causes eye irritation                                                                                                                                                                                                                                                                                                                                                                                              |
| Precautionary Statements:        | <b>Prevention</b><br>P263 Do not get in eyes, on skin, or on clothing<br>P280 Wear protective gloves/protective clothing, eye protection/face protection<br><b>Response</b><br>P302+P352 IF ON SKIN: Wash with plenty of water<br>P332+P313 If skin irritation occurs: Get medical advice/attention<br>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                       | : Not expected to cause irritation                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Skin                             | : Irritating when in contact with skin                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Eyes                             | : Irritating to the eyes                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Ingestion                        | : Harmful if swallowed                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 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 [%] | Trade Secret |
|-------------------------|---------------|-------------------|--------------|
| Sodium Xylene Sulfonate | 1300-72-7     | <5                | *            |
| Surfactant Blend        | Not available | <5                | *            |

\*Exact percentage withheld as trade secret

## SECTION 4 - FIRST-AID MEASURES

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General Advice</b> | : Move out of dangerous area<br>Consult a physician<br>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

|                                                     |                                                                                           |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------|
| <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 |



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positive pressure self-contained breathing apparatus as approved by NIOSH/MHSA

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

|                                                          |                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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.<br>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<br>When using do not eat or drink<br>When using do not smoke<br>Wash hands before breaks and at the end of the workday |

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

|                                                 |                     |
|-------------------------------------------------|---------------------|
| <b>Appearance:</b>                              | : Clear blue liquid |
| <b>Odor:</b>                                    | : Not available     |
| <b>Odor Threshold:</b>                          | : Not available     |
| <b>pH:</b>                                      | : 5-8               |
| <b>Melting point/ freezing point:</b>           | : Not available     |
| <b>Initial boiling point and boiling range:</b> | : 100°C             |

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|                                                      |                 |
|------------------------------------------------------|-----------------|
| <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

#### Sodium Lauryl Sulfate

|                |                                                                                                                     |
|----------------|---------------------------------------------------------------------------------------------------------------------|
| Acute toxicity | : LD50 oral, rat: 977 mg/kg<br>LD50 dermal, rabbit: 580 mg/kg<br>LC50 inhalation, rat: >3900 mg/m <sup>3</sup> , 1h |
|----------------|---------------------------------------------------------------------------------------------------------------------|

|                 |                 |
|-----------------|-----------------|
| Skin irritation | : Not available |
| Eye irritation  | : Not available |
| Sensitization   | : Not available |
| Other           | : None          |

#### Surfactant Blend

|                |                                                     |
|----------------|-----------------------------------------------------|
| Acute toxicity | : LD50 oral, rat: >5000 mg/kg<br>LC50 Not available |
|----------------|-----------------------------------------------------|

|                 |                 |
|-----------------|-----------------|
| Skin irritation | : Not available |
| Eye irritation  | : Not available |
| Sensitization   | : Not available |
| Other           | : None          |



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## 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 Lauryl Sulfate

Toxicity: : LC50 Not available  
EC50 Algae/aquatic plants 30 - 100 mg/L, 72 h  
EC50 Algae/aquatic plants 117mg/L, 96 h  
EC50 Pseudokirchneriella subcapitata 3.59 - 15.6 mg/L 96h  
LC50 Pimephales promelas 8 - 12.5 mg/L 96 h static  
LC50 Pimephales promelas 15 - 18.9 mg/L static  
LC50 Pimephales promelas 22.1 - 22.8 mg/L 96 h  
LC50 Poecilia reticulata 1.31mg/L 96 h static:  
LC50 Cyprinus carpio 4.2 - 4.8mg/L 96 h semi-static:  
LC50 Lepomis macrochirus 4.5mg/L 96 h flow-through:  
LC50 Lepomis macrochirus 5.8 - 7.5mg/L 96 h:  
LC50 Pimephales promelas 10.2 - 22.5mg/L 96 h static:  
LC50 Pimephales promelas 6.2 - 9.6mg/L 96 h semi-static:  
LC50 Pimephales promelas 13.5 - 18.3mg/L 96 h:  
LC50 Poecilia reticulata 4.3 - 8.5mg/L 96 h semi-static:  
LC50 Oncorhynchus mykiss 4.62 mg/L 96 h static:  
LC50 Oncorhynchus mykiss 4.2 mg/L 96 h flow-through  
LC50 Oncorhynchus mykiss 7.97mg/L 96 h  
LC50 Brachydanio rerio 9.9 - 20.1 mg/L 96 h flow-through:  
LC50 Brachydanio rerio 4.06 - 5.75mg/L 96 h semi-static:  
Persistence and degradability: : Possibly hazardous short term degradation products are to be expected.  
Bioaccumulative potential: : Not available  
Mobility in soil: : Not available  
Other adverse effects: : The products of the degradation are less toxic than the product itself.

### Surfactant Blend

Toxicity: : LC50 Not available  
Persistence and degradability: : Possibly hazardous short term degradation products are to be expected.  
Bioaccumulative potential: : Not available  
Mobility in soil: : Not available  
Other adverse effects: : The products of the degradation are less toxic than the product itself.

## 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



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## 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)