

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name: : Clearshine
 Product Use: : Window and Glass Cleaner
 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: : Liquid
GHS Classification:
 Eye Irritation: : Category 3
 Skin Irritation: : Category 3
 Acute Toxicity : Category 4
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 : 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

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

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 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 blue liquid
Odor:	: Not available
Odor Threshold:	: Not available
pH:	: 5-8
Melting point/ freezing point:	: Not available
Initial boiling point and boiling range:	: 100°C
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): : 1.15
 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

Sodium Lauryl Sulfate

Acute toxicity : LD50 oral, rat: 977 mg/kg
 : LD50 dermal, rabbit: 580 mg/kg
 : LC50 inhalation, rat: >3900 mg/m³, 1h

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

Surfactant Blend

Acute toxicity : LD50 oral, rat: >5000 mg/kg
 : LC50 Not available
 Skin irritation : Not available
 Eye irritation : Not available
 Sensitization : Not available
 Other : None

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

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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