

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name: : Shampoo SX
 Product Use: : High Foaming Carpet/Upholstery 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:
 Skin Irritation: Category 2
 Eye Irritation: Category 2
 Acute Toxicity: Category 2
GHS Label Elements:
 Hazard Pictograms



Signal Word: Danger
 Hazard Statements: H302 Harmful if swallowed
 H316 Causes mild skin irritation
 H319 Causes serious eye irritation
 Precautionary Statements: **Prevention**
 P102 Keep out of reach of children
 P262 Do not get in eyes, on skin, or on clothing
 P284 In case of inadequate ventilation wear respiratory protection
Response
 P302 IF ON SKIN: Flush with plenty of water for at least 15 minutes
 P305 IF IN EYES: Flush with plenty of water for at least 15 minutes
 P332+P313 If skin irritation persists, get medical attention

Potential Health Effects:
 Inhalation : Strongly irritating to the eyes, nose, throat and lungs. High concentration of vapours will cause irritation. Similar effects with misting the product.
 Skin : Dangerous in case of skin contact. Causes burns. Symptoms may be delayed.
 Eyes : Contact can result in tissue damage.
 Ingestion : Harmful or fatal if swallowed.
 Aggravated Medical Condition : None known

SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS

Chemical Name	CAS-No.	Concentration [%]
Isopropyl Alcohol	67-63-0	5-10*
Olefin Sulfonate	68439-57-6	5-10*
Ethylene Glycol	111-76-2	1-5*
Sodium Lauryl Sulfate	151-21-3	1-5*

* Exact percentages are a 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	: None

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions	: Wear appropriate protective equipment.
Environmental precautions	: Prevent entry into sewers or streams. Dike if needed. The bacteria and carriers are naturally occurring and should not pose an environmental risk.
Methods and materials for containment/ cleaning up	: Vacuum or sweep up avoiding generation of mist. Place in suitable labeled containers and hold for waste disposal. Wash spill site 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:	: Opaque liquid
Odor:	: None
Odor Threshold:	: Not available
pH:	: Not available
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):	: 1.06
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 : 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

Isopropyl Alcohol

Acute toxicity : LD50 oral, rat: 5045 mg/kg
 Remarks: Altered sleep time (including change in righting reflex). Behavioral: Somnolence (general depressed activity).
 LC50 inhalation, rat: 16000 ppm, 8 hours
 LD50 dermal, rabbit: 12800 mg/kg
 Skin irritation : Rabbit, mild skin irritation
 Eye irritation : Rabbit: eye irritation, 24 hours
 Sensitization : Not available
 Specific target organ toxicity-single exposure : Inhalation, oral - May cause drowsiness or dizziness
 Specific target organ toxicity - repeated exposure : No data available

Olefin Sulfonate

Acute toxicity : LD50 rabbit, dermal: >2000 mg/kg
 LD50 rat, oral: 1300-2400 mg/kg
 LC50 Not available
 Skin irritation : Irritating to eyes
 Eye irritation : Irritating to skin. May cause redness and pain.
 Sensitization : Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Ethylene Glycol

Acute toxicity : LD50 oral, rat: 470 mg/kg
 LC50 inhalation, rat: 450 ppm, 4 hours
 Remarks: ataxia. Nutritional and Gross Metabolic: Weight loss or decreased weight gain.
 LD50 dermal, rabbit: 220 mg/kg
 LD50 intraperitoneal, rat: 220 mg/kg
 LD50 intravenous, rat: 307 mg/kg

Skin irritation
Eye irritation
Sensitization
Specific target organ toxicity - single exposure
Specific target organ toxicity - repeated exposure
Other

: Rabbit: open irritation test
: Rabbit: moderate eye irritation, 24 hours
: Not available
: No data available
: No data available
: Human exposure about 200 ppm can be expected to cause narcosis, damage to the kidney and liver and present an abnormal blood picture showing erythropenia, reticulocytosis, granulocytosis, leukocytosis, and would be likely to cause fragility of erythrocytes and hematuria. Swallowing of the tongue which indicates paralysis of the sensory nerve endings, central nervous system depression, headache, narcosis.

Sodium Lauryl Sulfate

Acute toxicity

: LD50 oral, rat: 1288 mg/kg
LC50 dust, inhalation, rat: >3900 mg/m

Skin irritation

: Irritant, and sensitizer. Causes mild to moderate skin irritation. May cause allergic reaction (dermatitis). Prolonged or repeated skin contact may cause allergic dermatitis.

Eye irritation

: Causes moderate eye irritation.

Sensitization

: Inhalation: Material is irritating to mucous membranes and upper respiratory tract. May cause allergic respiratory reaction. Ingestion: Causes gastrointestinal tract irritation with nausea, vomiting, hypermotility, diarrhea, and bloating. May also affect behaviour (ataxia, somnolence), and cardiovascular system. Ingestion: prolonged or repeated ingestion may affect the liver. Inhalation: prolonged or repeated inhalation may cause allergic respiratory reaction (asthma)

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:

Isopropyl Alcohol

Toxicity: : LC50 fathead minnow: 9640 mg/L, 96 hours
EC50 water flea: 5102 mg/L, 24 hours
EC50 immobilization, water flea: 6851 mg/L, 24 hours
EC50 green algae: >2000 mg/L 72 hours
EC50 algae: >1000 mg/L, 24 hours

Persistence and degradability: : Not available

Bioaccumulative potential: : No bioaccumulation is to be expected (log Pow <=4)

Mobility in soil: : Not available

Other adverse effects: : Not available

Olefin Sulfonate

Toxicity: : EC50 Algae: 42.3 mg/L, 72 hours
EC50 Daphnia: 4.48 mg/L, 48 hours
LC50 fish: 2.6 mg/L, 96 hours
EC50 water flea: 4.14-4.95 mg/L, not reported 48 hours

Persistence and degradability: : Readily biodegradable

Bioaccumulative potential:	: Toxic to aquatic life. Harmful to aquatic life with long lasting effects.
Mobility in soil:	: Not available
Other adverse effects:	: Not available
Ehtylene Glycol	
Toxicity:	: LC50 other fish: 220 mg/L, 96 hours EC50 water flea: 1815 mg/L, 24 hours LC50 Not available
Persistence and degradability:	: Not available
Bioaccumulative potential:	: Not available
Mobility in soil:	: Not available
Other adverse effects:	: Not available
Sodium Lauryl Sulfate	
Toxicity:	: LC50 Not available LC50 Not available
Persistence and degradability:	: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. The products of degradation are less toxic than the product itself.
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
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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	: Class E

SECTION 16 - OTHER INFORMATION

Prepared by: Technical Services
Telephone number: (905) 682-8888

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