

## Silverwax 20

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Silverwax 20
<b>Other Means of Identification</b>	Super Strength Degreaser
<b>Product Family</b>	Degreaser
<b>Recommended Use</b>	All purpose cleaner.
<b>Manufacturer</b>	Laboratoire Hygienex Inc. 6400 Zéphirin-Paquet Québec, Québec, G2C-0M3 (418) 522-2332 www.hygienex.com
<b>Emergency Phone No.</b>	CANUTEC, (613) 996-6666
<b>SDS No.</b>	20

### SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015).

#### Classification

Corrosive to metals - Category 1; Acute toxicity (Oral) - Category 5; Acute toxicity (Dermal) - Category 5; Skin corrosion - Category 1; Serious eye damage - Category 1; Skin sensitization - Category 1B; Aquatic hazard (Acute) - Category 3; Aquatic hazard (Chronic) - Category 3

#### Label Elements



Signal Word:

Danger

Hazard Statement(s):

H290 May be corrosive to metals.

H303 + H313 + H333 May be harmful if swallowed, in contact with skin or if inhaled.

H317 May cause an allergic skin reaction.

Precautionary Statement(s):

Prevention:

P260 Do not breathe dusts or mists.

P264 Wash hands and skin thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTRE or doctor if you feel unwell.

Storage:

P406 Store in corrosion resistant container with a resistant inner liner.

Disposal:

P501 Dispose of contents and container in accordance with local, regional, national and international regulations.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Sodium xylenesulfonate	1300-72-7	1-5	Not Applicable	Not Applicable
Alcohols, C9-11, ethoxylated, liquids	68439-46-3	0.5-1.5	Not Applicable	Not Applicable
2-Butoxyethanol	111-76-2	1-5	Not Applicable	Not Applicable
Diethylene glycol monobutyl ether	112-34-5	1-5	Not Applicable	Not Applicable
Éthylène Diamine Tétra-Acétique	60-00-4	0.1-1	Not Applicable	Not Applicable
Benzenesulfonic acid, C10-16-alkyl derivs.	68584-22-5	1-5	Not Applicable	Not Applicable
Sodium Metasilicate	6834-92-0	5-10	Not Applicable	Not Applicable

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

Move to fresh air. Keep at rest in a position comfortable for breathing. Get medical advice or attention if you feel unwell or are concerned.

##### Skin Contact

Avoid direct contact. Wear chemical protective clothing if necessary. Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Get medical advice or attention if you feel unwell or are concerned. Wash with plenty of water.

##### Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists, get medical advice or attention.

##### Ingestion

Rinse mouth with water. Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again. Get medical advice or attention if you feel unwell or are concerned.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Extinguishing Media

##### Suitable Extinguishing Media

Dry chemical, water, foam, carbon dioxide (CO2).

#### Specific Hazards Arising from the Product

Heating increases the release of toxic vapour.

#### Special Protective Equipment and Precautions for Fire-fighters

As in any fire incident case, wear a powered air purifying respirator, MSHA/NIOSH (Approved or equivalent) and a complete protective suit. wear self-contained breathing apparatus for firefighting if necessary.

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## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet. Remove or isolate incompatible materials as well as other hazardous materials. May collect in hazardous amounts, at ceilings and at the top of confined spaces, if ventilation is not sufficient.

### Environmental Precautions

It is good practice to prevent releases into the environment. Do not allow into any sewer, on the ground or into any waterway.

### Methods and Materials for Containment and Cleaning Up

Review Section 7 (Handling) of this safety data sheet before proceeding with clean-up. Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. Large spills or leaks: flush spill area.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Obtain special instructions before use. Do not breathe in this product. Avoid breathing in this product. Do not get in eyes, on skin or on clothing. Do not swallow. Only use where there is adequate ventilation. Avoid generating vapours or mists. Avoid release to the environment. If product is transferred to another container, ensure new container is suitable for the product. Prevent accidental contact with incompatible chemicals. Use corrosion-resistant tools and equipment. See Section 10 (Stability and Reactivity) for suitable materials. Never add water to a corrosive. Always add corrosives slowly to COLD water. See Section 13 (Disposal Considerations) of this safety data sheet.

### Conditions for Safe Storage

Store in an area that is: cool, well-ventilated, separate from incompatible materials (see Section 10: Stability and Reactivity). Store in corrosive resistant container with a resistant inner liner. Comply with all applicable health and safety regulations, fire and building codes.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
2-Butoxyethanol	20 ppm		25 ppm			

### Appropriate Engineering Controls

Provide eyewash in work area, if contact or splash hazard exists. Do not allow product to accumulate in the air in work or storage areas, or in confined spaces. Use local exhaust ventilation, if general ventilation is not adequate to control amount in the air.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

#### Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots. Wear a chemical splash suit and respiratory protection.

#### Respiratory Protection

Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

**Appearance** Clear green. Particle Size: Not applicable

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<b>Odour</b>	Peppermint
<b>Odour Threshold</b>	Not applicable
<b>pH</b>	13.9
<b>Melting Point/Freezing Point</b>	Not applicable (melting); Not available (freezing)
<b>Initial Boiling Point/Range</b>	Not available
<b>Flash Point</b>	Not applicable
<b>Evaporation Rate</b>	Not applicable
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper/Lower Flammability or Explosive Limit</b>	Not applicable (upper); Not applicable (lower)
<b>Vapour Pressure</b>	Not applicable
<b>Vapour Density (air = 1)</b>	Not applicable
<b>Relative Density (water = 1)</b>	1.1
<b>Solubility</b>	Very soluble in water; Not applicable (in other liquids)
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not applicable
<b>Auto-ignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic); Not available (dynamic)
<b>Other Information</b>	
<b>Physical State</b>	Liquid
<b>Molecular Formula</b>	Not applicable
<b>Molecular Weight</b>	Not applicable
<b>Bulk Density</b>	Not applicable
<b>Surface Tension</b>	Not applicable
<b>Critical Temperature</b>	Not applicable
<b>Electrical Conductivity</b>	Not applicable
<b>Vapour Pressure at 50 deg C</b>	Not applicable
<b>Saturated Vapour Concentration</b>	Not applicable

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

Acidic conditions (low pH).

### Incompatible Materials

Metals (e.g. aluminum), organic acids (e.g. acetic acid), inorganic acids (e.g. hydrofluoric acid).

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Éthylène Diamine Tétra-Acétique		3030 mg/kg (rat)	5000 mg/kg (rabbit)

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Sodium Metasilicate	2.06 mg/kg (rat)	857 mg/kg (rat)	5000 mg/kg (rat)
Diethylene glycol monobutyl ether		5000 mg/kg (rat)	2764 mg/kg (rabbit)
2-Butoxyethanol	925 ppm (rat) (4-hour exposure)	320 mg/kg (rabbit)	300 mg/kg (rabbit)
Alcohols, C9-11, ethoxylated, liquids		3000 mg/kg (rabbit)	2000 mg/kg (rat)
Sodium xylenesulfonate		7200 mg/kg (rat)	2000 mg/kg (rabbit)

Oral ATEmix = 4523.08 mg/kg

0% of the mixture consists of an ingredient or ingredients of unknown acute toxicity (oral)

Dermal ATEmix = 6579.99 mg/kg

7.5% of the mixture consists of an ingredient or ingredients of unknown acute toxicity (dermal)

#### **Skin Corrosion/Irritation**

Repeated or prolonged exposure can irritate or burn the skin. Symptoms include slight redness and swelling.

#### **Serious Eye Damage/Irritation**

May irritate or burn the eyes. Permanent damage including blindness may result.

#### **STOT (Specific Target Organ Toxicity) - Single Exposure**

##### **Inhalation**

May be toxic by inhalation.

##### **Skin Absorption**

This product is absorbed by the respiratory tract and the digestive tract.

##### **Ingestion**

No information was located.

#### **Aspiration Hazard**

No information was located.

#### **STOT (Specific Target Organ Toxicity) - Repeated Exposure**

Conclusions cannot be drawn from the limited studies available.

#### **Respiratory and/or Skin Sensitization**

Skin sensitizer. No information was located for respiratory sensitization.

#### **Carcinogenicity**

Not known to cause cancer. Conclusions cannot be drawn from the limited studies available.

#### **Reproductive Toxicity**

##### **Development of Offspring**

No information was located.

##### **Sexual Function and Fertility**

No information was located.

##### **Effects on or via Lactation**

No information was located.

#### **Germ Cell Mutagenicity**

No information was located.

#### **Interactive Effects**

No information was located.

## **SECTION 12. ECOLOGICAL INFORMATION**

#### **Ecotoxicity**

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##### **Acute Aquatic Toxicity**

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Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Sodium Metasilicate	2320 (96-hour)			
Diethylene glycol monobutyl ether	2400 mg/L (Lepomis macrochirus (bluegill); 48-hour; static)	100 mg/L (Daphnia magna (water flea); 48-hour)		
2-Butoxyethanol	1474 mg/L (Oncorhynchus mykiss (rainbow trout))			1840 mg/L (Daphnia magna (water flea))
Alcohols, C9-11, ethoxylated, liquids	5-10 mg/L (96-hour)	5-10 mg/L (48-hour)		10-100 mg/L (Desmodesmus subspicatus (algae); 72-hour)
Sodium xylenesulfonate	1000 mg/L (96-hour)	1000 mg/L (Daphnia pulex (water flea); 48-hour)		230 mg/kg mg/L (72-hour)

#### Persistence and Degradability

No ingredient of this product or its degradation products is known to be highly persistent.

#### Bioaccumulative Potential

This product and its degradation products are not known to bioaccumulate.

#### Mobility in Soil

No information was located.

## SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations. Store product for disposal as described under Storage in Section 7 of this safety data sheet.

## SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	3266	LIQUIDE INORGANIQUE CORROSIF, BASIQUE, N.S.A. (Sodium Metasilicate)	Classe 8	III

**Special Precautions** Not applicable

#### Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15. REGULATORY INFORMATION

#### Safety, Health and Environmental Regulations

##### Custom Regulatory 1

Europe :

European Inventory of Existing Commercial Chemical Substances (EINECS) : Yes.

European List of Notified Chemical Substances (ELINCS) : No.

## SECTION 16. OTHER INFORMATION

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**Date of Preparation** décembre 19, 2017  
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**Key to Abbreviations** CAS: Chemical Abstracts Service (division of the American Chemical Society)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
**References** <https://echa.europa.eu/fr/>  
<http://www.csst.qc.ca/Pages/index.aspx>.  
Security data sheets of the suppliers.  
**Additional Information** The preceding indications are based on our current knowledge but do not represent a guaranty in terms of the product's proprieties and do not establish a legally valid contractual relationship. The manipulation and use conditions of the product go beyond the rep's control. It is the user's responsibility to evaluate all available information before using the product, no matter the type of use, and to respect all local, provincial and federal legislations and laws.

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