

## Silverwax 228

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Silverwax 228
<b>Other Means of Identification</b>	FOAM AND RINSE
<b>Product Family</b>	Cleaner
<b>Recommended Use</b>	Covers the vehicles with foam that dissolves stubborn dirt.
<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>	228

### SECTION 2. HAZARD IDENTIFICATION

#### Classification

Corrosive to metals - Category 1; Acute toxicity (Oral) - Category 4; Skin corrosion - Category 1; Serious eye damage - Category 1; Skin sensitization - Category 1

#### Label Elements



Signal Word:

Danger

Hazard Statement(s):

H290 May be corrosive to metals.

H302 + H312 + H332 Harmful if swallowed, in contact with skin or if inhaled.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

Precautionary Statement(s):

Prevention:

P260 Do not breathe dusts or mists.

P264 Wash hands and skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves.

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.

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

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

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P333 + P313 If skin irritation or rash occurs: Get medical advice or attention.  
 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
Benzenesulfonic acid, C10-16-alkyl derivs.	68584-22-5	7-13	Not Applicable	Not Applicable
Sodium Metasilicate	6834-92-0	1-5	Not Applicable	Not Applicable
Éthylène Diamine Tétra-Acétique	60-00-4	1-5	Not Applicable	Not Applicable
Alcohols, C12-15, ethoxylated, liquids	68131-39-5	1-5	Not Applicable	Not Applicable
Sodium xylenesulfonate	1300-72-7	1-5	Not Applicable	Not Applicable
2-Butoxyethanol	111-76-2	7-13	Not Applicable	Not Applicable

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

Move to fresh air. If experiencing respiratory symptoms (e.g. coughing, shortness of breath, wheezing), call a Poison Centre or doctor.

##### Skin Contact

Take off immediately contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of water. If skin irritation or a rash occurs, get medical advice or attention.

##### Eye Contact

Quickly and gently blot or brush chemical off the face. 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. 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

Use water to keep non-leaking, fire-exposed containers cool. 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

Evacuate area. Fight fire from a safe distance or a protected location. Approach fire from upwind to avoid hazardous vapours or gases. Dike and recover contaminated water for appropriate disposal.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Evacuate downwind locations. Use the personal protective equipment recommended in Section 8 of this safety data sheet. Increase ventilation to area or move leaking container to a well-ventilated and secure area. Remove or isolate incompatible materials as well as other hazardous materials.

### Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway.

### Methods and Materials for Containment and Cleaning Up

Collect liquid with absorbent (sand, diatomaceous earth, universal binder, sawdust).

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Avoid repeated or prolonged skin contact. Do not get in eyes. Do not swallow. Only use where there is adequate ventilation. Avoid generating vapours or mists. Avoid breathing in this product. Do not breathe in this product. Avoid heating that will increase the amount of vapours. Wash hands thoroughly after handling this material.

### Conditions for Safe Storage

Store in an area that is: well-ventilated, cool.

## 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

The hazard potential of this product is relatively low. General ventilation is usually adequate.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles.

#### Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots. Vérifier le bon état des gants de protection avant chaque usage.

#### 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	Yellow.
Odour	Fruity
pH	12.96
Relative Density (water = 1)	1.07
Solubility	Very soluble in water
Other Information	
Physical State	Liquid

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## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Strong oxidizer.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

Acidic conditions (low pH), freezing, heat. None expected under normal conditions of storage and use.

### Conditions to Avoid

Heat. High temperatures. Freezing. Sunlight.

### Incompatible Materials

Metals (e.g. aluminum), strong acids (e.g. hydrochloric acid), strong oxidizing agents (e.g. perchloric acid), organic acids (e.g. acetic acid), inorganic acids (e.g. hydrofluoric acid).

### Hazardous Decomposition Products

Very toxic carbon monoxide, carbon dioxide; corrosive, oxidizing nitrogen oxides.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Sodium Metasilicate	2.06 mg/kg (rat)	857 mg/kg (rat)	5000 mg/kg (rat)
Éthylène Diamine Tétra-Acétique		3030 mg/kg (rat)	5000 mg/kg (rabbit)
2-Butoxyethanol	925 ppm (rat) (4-hour exposure)	320 mg/kg (rabbit)	300 mg/kg (rabbit)
Benzenesulfonic acid, C10-16-alkyl derivs.		480 mg/kg (rat)	2000 mg/kg (rat)
Alcohols, C12-15, ethoxylated, liquids		2000 mg/kg (rat)	2000 mg/kg (rabbit)
Sodium xylenesulfonate		7200 mg/kg (rat)	2000 mg/kg (rabbit)

Oral ATEmix = 11403.87 mg/kg 0% of the mixture consists of an ingredient or ingredients of unknown acute toxicity (oral)

Dermal ATEmix = 22941.19 mg/kg 0% of the mixture consists of an ingredient or ingredients of unknown acute toxicity (dermal)

### Skin Corrosion/Irritation

May cause moderate or severe irritation based on information for closely related materials.

### Serious Eye Damage/Irritation

May cause serious eye irritation based on information for closely related materials.

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

#### Inhalation

No information was located.

#### Skin Absorption

No information was located.

#### Ingestion

No information was located.

### Aspiration Hazard

No information was located.

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## Respiratory and/or Skin Sensitization

Not a skin sensitizer.

## Carcinogenicity

No information was located.

## 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.

## SECTION 12. ECOLOGICAL INFORMATION

This section is not required by WHMIS.

### Ecotoxicity

#### Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Sodium Metasilicate	2320 (96-hour)			
2-Butoxyethanol	1474 mg/L (Oncorhynchus mykiss (rainbow trout))			1840 mg/L (Daphnia magna (water flea))
Benzenesulfonic acid, C10-16-alkyl derivs.	1.67 mg/L (96-hour)	2.4 mg/L (Daphnia magna (water flea); 48-hour)		47.3 mg/L (Desmodesmus subspicatus (algae); 72-hour)
Alcohols, C12-15, ethoxylated, liquids	5-10 (96-hour)	5-10 (Daphnia magna (water flea); 48-hour)		10-100 (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)

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

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

## SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
TMD au Canada	1760	Liquide Corrosive, N.O.S. (Sodium Metasilicate)	8	III

**Special Precautions** Not applicable

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

Not applicable

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## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

Canadian ingredient disclosure list (Level 0.1%):  
None of the components is superior to 0.1%  
Canadian ingredient disclosure list (Level 1%):  
See section 3.

## SECTION 16. OTHER INFORMATION

**Date of Preparation** mai 17, 2018

**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.