



# MATERIAL SAFETY DATA SHEETS

## SECTION 1 : CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name : **SILVERWAX 23 CAR AND TRUCK CLEANER**  
Chemical name and synonyms : Not applicable (mixture)  
Manufacturer : Laboratoire Hygienex Inc. Supplier : Same  
Address : 145 boul. Wilfrid-Hamel Address : Same  
Québec (Québec)  
Canada G1L 4H8  
Telephone : 1-418-522-2332 Telephone : Same  
Emergency phone (CANUTEC) : (613) 996-6666  
Issue by : Laboratoire Hygienex Inc.  
Product use : Car shampoo  
(Industrial/Institutional)

<b>HMIS Rating :</b>	
Health :	0
Flammability :	0
Reactivity :	0
Personal protection :	B

## SECTION 2 : COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS</u>	<u>% p/p</u>
Sodium laurylethersulfate	9004-82-4	5 – 15
Sodium dodecylbenzenesulfonate	25155-30-0	1 – 5
Ethanol, 2,2'-iminobis-, N-coco alkyl derivs.	61791-31-9	1 – 5

Exposure limit informations: see Section 8

## SECTION 3 : HAZARDS IDENTIFICATION

Eyes contact : Direct contact may cause temporary redness and discomfort.  
Skin contact : No significant irritation expected from a single exposure.  
Inhalation : No significant faintness expected from a single exposure.  
Oral : Small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may cause digestive discomfort.

### Effects of repeated overexposure

Skin : None known.  
Inhalation : None known.  
Oral : Swallowing large amounts may cause a gastrointestinal discomfort.

Primary route of exposure : Eye contact.

The above listed potential effects of overexposure are base on actual data, results of studies performed upon similar compositions, component data, and/or expert review of the product. Please refer to section 11 for detailed toxicology information.

## SECTION 4 : FIRST-AID MEASURES

Eyes contact :	Flush eyes gently with water for at least 15 minutes while holding eyelids apart, occasionally lifting upper and lower lids. Get medical attention at once.
Skin contact :	Remove contaminated clothing. Wash exposed area with soap and water. Wash clothing before reuse.
Inhalation :	Remove in fresh air.
Swallowing :	Give water. Do not induce vomiting. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. If possible, do not leave individual unattended. Seek medical attention.
Notes to physicians :	Treat according to person's condition and specifics of exposure.

## SECTION 5 : FIRE-FIGHTING MEASURES

T.D.G. Flammable class :	Not controled
Flammability :	Not applicable
Flash point, closed cup (°C) :	> 93.3
Explosive limit temperature (°C) :	Not applicable
Autoignition temperature (°C) :	Not applicable
Lower flammable limit (% by vol.) :	Not applicable
Higher flammable limit (% by vol.) :	Not applicable
Sensitivity to static discharge:	None
Sensitivity to impact :	None
Hazardous Products of Combustion :	May form: carbon , nitrogen and sulfur oxides.
Fire and Explosion Hazards :	Unknown
Extinguishing Media :	Regular foam, water, carbon dioxide.
Fire Fighting Instructions :	Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure. Refer to the personal protective equipment section of this MSDS.

## SECTION 6 : ACCIDENTAL RELEASE MEASURES

General information :	Use proper personal protective equipment as indicated in Section 8.
Small spill :	Absorb residue or small spills with absorbent material.
Large Spill :	Stop leak if without risk. Remove by mechanical means and place in container
Disposal measures :	See Section 13.

## SECTION 7 : HANDLING AND STORAGE

Handling :	Use good personal hygiene practices. Wash hands before eating, drinking, or using toilet facilities. Promptly remove soiled clothing and wash before reuse. Shower after work using plenty of soap and water.
Storage:	Keep in original tightly closed containers at room temperature.

**SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION**

Eye Protection : Wear safety glasses with side shields (or goggles).  
 Skin Protection : Wear resistant gloves. Glove materials may include polyvinyl chloride (PVC), neoprene or rubber.  
 Footwear : Wear adequate working boots.  
 Clothing : Wear adequate working clothes.  
 Respiratory Protections : None required under normal operation conditions.  
 Engineering Controls : Provide sufficient mechanical (general and/or local exhaust) ventilation.  
 Other : Eye bath and safety shower.

Exposure limits:

<u>Ingredient</u>	<u>CAS</u>	<u>TLV</u>	<u>LC<sub>50</sub></u>	<u>LD<sub>50</sub></u>
Sodium lauryl ethersulfate	9004-82-4	Not available	Not available	1600mg/kg <sup>(2)</sup>
Sodium dodecylbenzenesulfonate	25155-30-0	Not available	Not available	438mg/kg <sup>(2)</sup>
Ethanol, 2,2'-iminobis-, N-coco alkyl derivs.	61791-31-9	Not available	Not available	2.7g/kg <sup>(2)</sup>

(1) Intraperitoneal – rabbit

(2) Oral – rat

**SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

State :	Liquid	Appearance :	Clear
Color :	Blue	Odor :	Cherry
Vapor pressure (mm Hg) :	Not available	pH :	7
Specific vapor density (Air=1) :	Not available	Specific gravity (25°C):	1.02
Evaporation rate (Water=1) :	1	Boiling point (°C) :	>100
Solubility in water (% p/p) :	Miscible	Melting point (°C) :	<0
Solubility in ethanol :	Miscible	Viscosity (cps) :	Non disponible
Volatiles (% p/p) :	83	Molecular weight :	Not applicable
Partition coefficient water/oil :	Not available	Chemical formula :	Not applicable

**SECTION 10 : STABILITY AND REACTIVITY**

Hazardous polymerization : Will not occur.  
 Hazardous decomposition : May form: Nitrogen, sulfur and carbon oxydes  
 Chemical stability : Stable under normal conditions.  
 Materials to avoid : Strong oxidizing agents.

**SECTION 11 : TOXICOLOGICAL INFORMATION**

Effects of chronic exposure : Not available  
 Carcinogenicity : Not available  
 Reproductive toxicity : Not available  
 Teratogenicity : Not available  
 Mutagenicity : Not available  
 Primary Route(s) of Entry : Eye contact.

## SECTION 12 : ECOLOGICAL INFORMATION

Environmental toxicity information : This material has not been tested for environmental effects.

BOD<sub>5</sub> : Not available

COD : Not available

## SECTION 13 : DISPOSAL CONSIDERATIONS

Waste Management Information : Dispose in accordance with municipal, provincial and federal regulations.

## SECTION 14 : TRANSPORT INFORMATION

DOT/TDG Classification : Not regulated

UN/NA Number : Not applicable

Packaging group : Not applicable

Shipping name : Not applicable

## SECTION 15 : REGULATORY INFORMATION

Canada (WHMIS) : D2B

CPR compliance : This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the MSDS contains all information required by *Controlled Products Regulations*.

## SECTION 16 : OTHER INFORMATION

Emission date: July 07<sup>th</sup>, 2007

Prepared by : Hygienex Laboratory inc.

Revised by : David Dupuis, Chemist

Phone : (418) 522-2332

Disclaimer :

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. Last page