

KAR-KLEEN

SECTION 1 - IDENTIFICATION

Product identifier:	KAR-KLEEN
Product code:	
Recommended use:	Exterior wash for cars and trucks
Chemical name :	Mixture
Chemical group:	Mixture
Supplier identifier:	SAVONS EVY 3460 39e Avenue, Montréal, QC H1A 3V1 514-642-9920
Manufacturer identifier:	SAVONS EVY 3460 39e Avenue, Montréal, QC H1A 3V1 514-642-9920
Emergency phone:	Canutec (613) 996-6666 24 hrs

SECTION 2 - HAZARD IDENTIFICATION

Classification	Skin corrosion, 3 Eye irritation, 2B	
Signal word	WARNING	
Hazard statement	H316	Causes mild skin irritation.
	H320	Causes eye irritation.
Precautionary statement - Prevention	P264	Wash hands thoroughly after handling.
Precautionary statement - Response	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.
	P337+P313	If eye irritation persists: Get medical advice / attention.
Precautionary statement - Storage		
Precautionary statement - Elimination	P501	Dispose contents/containers according to municipal, provincial and federal regulations.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous product	No. CAS	% (weight)
Sodium dodecylbenzene sulfonate	25155-30-0	5 - 10
Ethanol	64-17-5	5 - 10

SECTION 4 - FIRST AID MEASURES

Inhalation:	IF INHALED: remover person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CONTROL CENTER or physician.
Skin contact:	IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water for 20 minutes. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing/ jewellery and wash it before reuse.
Eye contact:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion:	NEVER give anything orally if victim is losing consciousness, is unconscious or having convulsions. Rinse mouth with water thoroughly. DO NOT INDUCE VOMITING. Ask victim to drink two glasses of water. If vomiting occurs naturally, lean victim forward to reduce risks of aspiration. Continue to drink water. Obtain medical care.
Note au physician:	Specific treatment: treat symptomatically.

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SECTION 5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media:	In case of fire: Use water, foam, CO ₂ , dry chemicals to extinguish.
Unsuitable extinguishing media:	Stream of water directed into the product will generate large amounts of foam.
Hazardous combustion products :	Carbon oxides.
Protective equipment :	Fire-fighters must wear protective equipment and NIOSH approved self-contained breathing apparatus.
Precautions:	Retain water run-off.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Protective equipment:	Wear appropriate respiratory equipment (See Section 8). Avoid direct contact with product. Remove non-essential personnel.
Containment and clean up:	Ventilate spill area. Stop spill if safe to do so. Contain and absorb with an inert absorbing material for future disposal (See Section 13). Prevent spill from entering sewers or waterways. Retain water run-off if applicable. Inform proper authorities if necessary.
Environmental precautions:	Avoid entering sewers, waterways or restricted areas. Eliminate according to municipal, provincial and federal regulations.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling:	Containers must be identified correctly. Handle in a well ventilated area. Avoid breathing dust, vapours or mists. Avoid contact with eyes, skin and clothes. Keep containers closed when not in use. Empty containers may contain residues and must be handled as hazardous waste. Maintain good personal hygiene before eating, drinking or smoking. Do not eat, drink or smoke while using the product or in proximity. Wash contaminated clothing before reuse.
Conditions for safe storage:	Store in a well-ventilated place. Keep cool. Store away from incompatible materials. Keep containers closed.
Incompatible materials :	Strong oxidants, acids, alkalis.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits:				
Ingredient	OSHA PEL		NIOSH PEL	
	TWA	STEL	TWA	STEL
Sodium dodecylbenzene sulfonate	No data	No data	No data	No data
Ethanol	1000 ppm	No data	1000 ppm	No data
Engineering controls:				
Local ventilation system is recommended to maintain concentrations of contaminants below exposure limits.				
Protection of airways:				
Respiratory protection is required if concentration are above exposure limits. Use a NIOSH approved autonomous respiratory apparatus if exposure limits are unknown.				
Protective equipment and clothing:				
Wear chemical / impermeable gloves or other protective clothing to prevent repeated or continuous contact with the skin during handling and usage. Wear goggles to prevent mist, vapours or dust to contact eyes. Insure that eyewash stations, showers and cleaning stations are near to work station.				
General hygiene recommendations :				
Avoid production of high concentrations of dust, vapours or mists. Avoid contact with skin and eyes. Avoid breathing dust, vapours or mists. Never eat, drink or smoke near work stations. Good hygiene is recommended after using this product. Clean clothing before reuse.				

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid, blue.
Odour :	Fruity
Odour threshold:	Not available
pH :	8.0 – 8.5
Melting point:	Not applicable
Initial boiling point:	100°C

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Flash point:	Not applicable
Evaporation rate (butyl acetate = 1):	Not available
Flammability:	Not applicable
LIL:	Not applicable
UIL:	Not applicable
Vapour pressure:	Not available
Vapour density (air=1):	Not available
Relative density:	1.01
Solubility:	Soluble
Partition coefficient (n-octanol/water):	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	Not available

SECTION 10 - STABILITY AND REACTIVITY

Stability and reactivity :	Stable under recommended conditions and expected usage.
Polymerisation:	No.
Conditions to avoid :	Contact with incompatible materials.
Incompatible materials :	Strong oxidants, acids, alkalis.
Hazardous decomposition products :	Carbon oxides.

SECTION 11 - TOXICOLOGICAL INFORMATION

Toxicological data:				
Hazardous ingredient	CAS	% (weight)	DL₅₀ (route, species)	CL₅₀ (species)
Sodium dodecylbenzene sulfonate	25155-30-0	5 - 10	438 mg/Kg, oral, rat >2000 mg/Kg, dermal, rat	0.31 mg/L, rat, 4hr
Ethanol	64-17-5	5 - 10	7000 mg/Kg, oral, rat	39000 mg/Kg, mouse, 4hr

Short term exposure (acute) :	
Inhalation:	No expected adverse effects.
Skin:	May dry skin. Irritation, redness, pain.
Eyes:	Pain, redness, irritation.
Ingestion:	Nausea, vomiting, abdominal cramps, diarrhea.

Long term exposure (chronic) :	
Inhalation:	Not available
Skin:	Not available
Eyes:	Not available
Ingestion:	Not available
Carcinogenicity :	Not classified
Teratogenicity:	Not available
Mutagenicity:	Not available
Target organ:	Not available
Conditions aggravated by exposure :	Not available

SECTION 12 - ECOLOGICAL INFORMATION

Hazardous ingredient	CAS	% (weight)	Value	Species
Sodium dodecylbenzene sulfonate	25155-30-0	5 - 10	LC50 3.2 – 5.6 mg/L, 96h EC50 6.3 mg/L, 48h	Oncorhynchus mykiss Daphnia magna
Ethanol	64-17-5	5 - 10	No data	No data
Persistence and degradability :		Biodegradable.		
Bioaccumulation potential:		Not available		
Mobility in soil:		Not available		
Other adverse effects :		Not available		

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SECTION 13 - DISPOSAL CONSIDERATIONS

Safe handling for disposal: Store materials for elimination and contaminated packaging as indicated in Section 7 Handling and Storage.

Methods of disposal : Dispose contents/containers according to all municipal, provincial and federal regulations.

SECTION 14 - TRANSPORT INFORMATION

UN Number	Proper shipping name	Class	Packing group	Placard
Not regulated for transport.				

SECTION 15 - REGULATORY INFORMATION

Canadian Environmental Protection Act (CEPA): Components of this product are listed in the Domestic Substance List (DSL) or the Non-Domestic Substance List (NDSL) or are exempt.

Others : Components of this product are listed on the TSCA or are exempt.

SECTION 16 - OTHER INFORMATION

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Abbreviations:

ACGIH	American Conference of Governmental Industrial Hygienists
AIHA	American Industrial Hygiene Association
CAS	Chemical Abstract Service
CL / LC	Concentration létale / Lethal concentration
DL / LD	Dose létale / Lethal dose
IARC	International Agency for Research on Cancer
LES	Liste extérieure des substances (NDSL)
LIS	Liste intérieure des substances (DSL)
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
SIMDUT	Système d'information sur les matières dangereuses utilisées au travail
STEL	Short-term Exposure Limit
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
USEPA	United States Environmental Protection Agency
WHMIS	Workplace Hazardous Materials Information System

All information indicated in the present document are based on data supplied by recognized technical sources. While the information is believed to be accurate, the manufacturer makes no representations as to its accuracy or sufficiency. Users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.