

Safety Data Sheet

according to WHMIS

Reset

Date (latest revision): 04.04.2023

Page 1 of 10

1. Identification**Product identifier**

Reset

Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Automotive care products

Uses advised against

any non-intended use.

Details of the supplier of the safety data sheet

Company name: Centre de l'auto Éléance
Street: 9400 rue John-Simons, Suite 100
Place: CDN-G2B0S9 Québec, QC
Telephone: +1 418-847-4747
E-mail: centre.auto.elegance@gmail.com
Contact person: Keven Labonté-Tremblay
Internet: <https://centredelautoelegance.ca/>

Emergency telephone number: +1 418-847-4747**2. Hazard identification****Classification of the substance or mixture****WHMIS 2015**

Skin corrosion/irritation: Skin Irrit. 2
Serious eye damage/eye irritation: Eye Irrit. 2

Label elements**WHMIS 2015****Signal word:** Warning**Pictograms:****Hazard statements**

Causes skin irritation and serious eye irritation.

Precautionary statements

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Wash hands thoroughly after handling.
Wear protective gloves/protective clothing and eye protection/face protection.
If skin irritation occurs: Get medical advice/attention.
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.

Other hazards

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

3. Composition/information on ingredients**Mixtures**

Safety Data Sheet

according to WHMIS

Reset

Date (latest revision): 04.04.2023

Page 2 of 10

Relevant ingredients

CAS No	Chemical name	Quantity
9004-82-4	Sodium dodecylpoly(oxyethylene) sulfate	10 - < 30 % (*)
64-17-5	ethanol; ethyl alcohol	3 - < 7 % (*)
68439-50-9	Alcohols, C12-14, ethoxylated	1 - < 5 % (*)
64-02-8	tetrasodium ethylene diamine tetraacetate	0.1 - < 1 % (*)

(*) The actual concentration is withheld as a trade secret.

4. First-aid measures**Description of first aid measures****General information**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of respiratory tract irritation, consult a physician.

After contact with skin

Gently wash with plenty of soap and water. In case of skin irritation, seek medical treatment.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. In all cases of doubt, or when symptoms persist, seek medical advice.

Most important symptoms and effects, whether acute or delayed

See sections 2 and 11

Indication of immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire-fighting measures**Extinguishing media****Suitable extinguishing media**

Carbon dioxide (CO₂). Dry extinguishing powder. Alcohol resistant foam. Atomized water.

Unsuitable extinguishing media

High power water jet.

Specific hazards arising from the hazardous product

Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO₂). Nitrogen oxides (NO_x).

Special protective equipment and precautions for fire-fighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Co-ordinate fire-fighting measures to the fire surroundings.

6. Accidental release measures**Personal precautions, protective equipment and emergency procedures****General advice**

Safe handling: see section 7

Safety Data Sheet

according to WHMIS

Reset

Date (latest revision): 04.04.2023

Page 3 of 10

For non-emergency personnel

Wear personal protection equipment (refer to section 8).

For emergency responders

No special measures are necessary.

Environmental precautions

Discharge into the environment must be avoided.

Methods and material for containment and cleaning up**For containment**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Treat the recovered material as prescribed in the section on waste disposal.

For cleaning up

Clean contaminated objects and areas thoroughly observing environmental regulations.

Reference to other sections

Handling and storage: 7

Personal protection equipment: see section 8

Disposal: see section 13

7. Handling and storage**Precautions for safe handling****Advice on safe handling**

Wear suitable protective clothing. (See section 8.)

Advice on protection against fire and explosion

Usual measures for fire prevention.

Advice on general occupational hygiene

Always close containers tightly after the removal of product. When using do not eat, drink or smoke. Wash hands before breaks and after work.

Further information on handling

General protection and hygiene measures: See section 8.

Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed in a cool, well-ventilated place.

Hints on joint storage

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff.

Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

Recommended storage temperature: 20 °C

Protect against: frost. UV-radiation/sunlight. heat. Humidity

8. Exposure controls/Personal protection**Control parameters**

Safety Data Sheet

according to WHMIS

Reset

Date (latest revision): 04.04.2023

Page 4 of 10

Exposure limits (ACGIH)

CAS No	Chemical name	ppm	mg/m ³	Category	Origin
140-11-4	Benzyl acetate	10	61	TWA (8 h)	ACGIH-2024
5392-40-5	Citral (inhalable fraction and vapor)	5	32	TWA (8 h)	ACGIH-2024
64-17-5	Ethanol	1000	1880	STEL (15 min)	ACGIH-2024
60-12-8	Phenylethyl alcohol	0.5	-	TWA (8 h)	ACGIH-2024

Exposure controls**Appropriate engineering controls**

Technical measures and the application of suitable work processes have priority over personal protection equipment.

Provide adequate ventilation.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Wear safety glasses; chemical goggles (if splashing is possible). CSA Z94.3

Hand protection

Wear suitable gloves.

Suitable material:

FKM (fluororubber). - Thickness of the glove material: 0,4 mm

Breakthrough time \geq 8 h

Butyl rubber. - Thickness of the glove material: 0,5 mm

Breakthrough time \geq 8 h

CR (polychloroprenes, Chloroprene rubber). - Thickness of the glove material: 0,5 mm

Breakthrough time \geq 8 h

NBR (Nitrile rubber). - Thickness of the glove material: 0,35 mm

Breakthrough time \geq 8 h

PVC (Polyvinyl chloride). - Thickness of the glove material: 0,5 mm

Breakthrough time \geq 8 h

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

The selected protective gloves should satisfy the specifications of standards like ISO 374.

Check leak tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well.

Skin protection

Suitable protective clothing: Lab apron.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection necessary at:

-Exceeding exposure limit values

-Insufficient ventilation and aerosol or mist formation

Suitable respiratory protective equipment: Particulate Respirators, Standard: 42 CFR Part 84 or DIN 143 or regional standards like Z94.4. Type: P1-3

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

Safety Data Sheet

according to WHMIS

Reset

Date (latest revision): 04.04.2023

Page 5 of 10

Environmental exposure controls

Do not allow uncontrolled discharge of product into the environment.

9. Physical and chemical properties**Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	transparent
Odour:	characteristic
Odour threshold:	not determined

Test method

Melting point/freezing point:	not determined	
Boiling point or initial boiling point and boiling range:	100 °C	
Flammability:	not determined	
Lower explosive limits:	not determined	
Upper explosive limits:	not determined	
Flash point:	130 °C	N/A
Auto-ignition temperature:	not determined	
Decomposition temperature:	not relevant	
pH-Value (at 20 °C):	10	
Viscosity / kinematic:	not determined	
Water solubility:	not determined	
Solubility in other solvents		
not determined		
Dissolution rate:	not relevant	
Partition coefficient n-octanol/water:	not relevant	
Dispersion stability:	not relevant	
Vapour pressure:	not determined	
Density:	not determined	
Bulk density:	not relevant	
Relative vapour density:	not determined	
Particle characteristics:	not relevant	

Other information**Information with regard to physical hazard classes**

Explosive properties	
none	
Sustained combustibility:	No sustained combustibility
Self-ignition temperature	
Solid:	not relevant
Gas:	not determined
Oxidizing properties	
none	

Other safety characteristics

Evaporation rate:	not determined
Solvent separation test:	not determined
Solvent content:	not determined
Solid content:	not determined
Sublimation point:	not relevant
Softening point:	not relevant
Pour point:	not relevant
Viscosity / dynamic:	not determined

Safety Data Sheet

according to WHMIS

Reset

Date (latest revision): 04.04.2023

Page 6 of 10

Flow time:

not determined

10. Stability and reactivity**Reactivity**

No information available.

Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

Refer to chapter 10.5.

Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

Incompatible materials

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong.

Hazardous decomposition productsCan be released in case of fire: Carbon monoxide Carbon dioxide (CO₂). Nitrogen oxides (NO_x).**11. Toxicological information****Information on toxicological effects****Toxicokinetics, metabolism and distribution**

No data available.

Acute toxicity

Based on available data, the classification criteria are not met.

ATEmix calculated

ATE (oral) > 5000 mg/kg; ATE (dermal) > 5000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name				
	Route of exposure	Dose	Species	Source	Method
9004-82-4	Sodium dodecylpoly(oxyethylene) sulfate				
	oral	LD50 >2000 mg/kg	Rat	ECHA Dossier	
	dermal	LD50 >2000 mg/kg	Rat	ECHA Dossier	
64-17-5	ethanol; ethyl alcohol				
	oral	LD50 6200 mg/kg	Rat	IUCLID	
	inhalation (4 h) vapour	LC50 95,6 mg/l	Rat	RTECS	
68439-50-9	Alcohols, C12-14, ethoxylated				
	oral	LD50 >2000 mg/kg	Rat	ECHA Dossier	
64-02-8	tetrasodium ethylene diamine tetraacetate				
	oral	ATE 500 mg/kg			

Irritation and corrosivity

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/eye irritation: Causes serious eye irritation.

Safety Data Sheet

according to WHMIS

Reset

Date (latest revision): 04.04.2023

Page 7 of 10

Sensitizing effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

Alcohols, C12-14, ethoxylated:

In-vitro mutagenicity:

Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay)

Result: negative.

Literature information: REACH Dossier

Developmental toxicity/teratogenicity/Reproductive toxicity:

Method: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

Species: Rat

Results: NOAEL >= 1000 mg/kg bw/day

Literature information: REACH Dossier

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Alcohols, C12-14, ethoxylated:

Subacute oral toxicity:

Method: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

Species: Rat

Results: NOAEL >= 1000 mg/kg bw/day

Literature information: REACH Dossier

Aspiration hazard

Based on available data, the classification criteria are not met.

Specific effects in experiment on an animal

No data available.

Information on other hazards**Other information**

No data available.

Name of toxicologically synergistic products

No data available

12. Ecological information**Persistence and degradability**

The product has not been tested.

Bioaccumulative potential

No indication of bioaccumulation potential.

Mobility in soil

No data available.

Endocrine disrupting properties

Safety Data Sheet

according to WHMIS

Reset

Date (latest revision): 04.04.2023

Page 8 of 10

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

The aforementioned statement applies to substances contained in the product with a minimum content of 0.1%.

Other adverse effects

No data available.

Further information

Do not allow to enter into surface water or drains.

13. Disposal considerations

Waste treatment methods

Disposal recommendations

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled.

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

14. Transport information

Canadian TDG

Proper shipping name:

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

UN number or ID number:

No dangerous good in sense of these transport regulations.

United Nations proper shipping name:

No dangerous good in sense of these transport regulations.

Transport hazard class(es):

No dangerous good in sense of these transport regulations.

Air transport (ICAO-TI/IATA-DGR)

UN number or ID number:

No dangerous good in sense of these transport regulations.

United Nations proper shipping name:

No dangerous good in sense of these transport regulations.

name:

Transport hazard class(es):

No dangerous good in sense of these transport regulations.

Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

15. Regulatory information

Canadian regulations

DSL/NDSL inventory status

All components of this product are listed in the Domestic Substances List (DSL).

National Pollutant Release Inventory (NPRI)

Canada Gazette notice with respect to substances in the National Pollutant Release Inventory (NPRI) includes the following substance:

ethanol; ethyl alcohol (CAS: 64-17-5): Part 5; 1 tonne air release; VOC.

WHMIS classification

No data available

Provincial regulations

No data available

Additional information

This mixture is classified as hazardous in accordance with WHMIS 2015.

Safety Data Sheet

according to WHMIS

Reset

Date (latest revision): 04.04.2023

Page 9 of 10

16. Other information**Changes**

- Rev. 1,0, Initial release 11,04.2014
- Rev. 2,00; 29.12.2017, Changes in section: 1-16.
- Rev. 2,1; 20.04.2021, Changes in section: 1-16.
- Rev. 2,2; 04.04.2023, Changes in section: 1 - 3, 6, 8 - 12, 15, 16

Abbreviations and acronyms

- ACGIH: American Conference of Governmental Industrial Hygienists
- ASTM: American Society for Testing and Materials.
- ATE: acute toxicity estimate
- BCF: Bio concentration factor
- CAS: Chemical Abstracts Service
- d: days
- DSL: Domestic Substance List; LIS: La liste intérieure des substances
- EC50: Half maximal effective concentration
- EN: European Norm
- ECHA: European Chemicals Agency
- EPA: Environmental Protection Agency
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals
- h: hours
- IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER
- IBC: Intermediate Bulk Container
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
- ICAO: International Civil Aviation Organization
- ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals
- LOAEL: Lowest observed adverse effect level
- LOAEC: Lowest observed adverse effect concentration
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- MARPOL: marine pollution
- NOAEL: No observed adverse effect level
- NOAEC: No observed adverse effect concentration
- NTP: National Toxicology Program
- N/A: not applicable
- NDSL: Non-Domestic Substance List
- UN: United Nations
- OECD: Organisation for Economic Co-operation and Development
- OSHA: Occupational Safety and Health Administration
- PBT: Persistent bioaccumulative toxic
- RTECS: Registry of Toxic Effects of Chemical Substances
- REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
- SIMDUT: Système d'information sur les matières dangereuses utilisées au travail
- STEL: short-term exposure limits
- TDG: Transportation of Dangerous Goods
- TWA: time weighted average
- TWAEV: TIME-WEIGHTED AVERAGE EXPOSURE VALUE
- VOC: Volatile Organic Compounds
- WHMIS: Workplace Hazardous Materials Information System

Further Information

Classification according WHMIS 2015 (GHS): - Classification procedure:

Safety Data Sheet

according to WHMIS

Reset

Date (latest revision): 04.04.2023

Page 10 of 10

Health hazards: Calculation method.

Environmental hazards: Calculation method.

Physical hazards: On basis of test data and / or calculated. and / or estimated.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)