

Safety Data Sheet

according to WHMIS

HydrO2 LITE

Date (latest revision): 12.02.2026

Page 1 of 9

1. Identification**Product identifier**

HydrO2 LITE

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**

Serious eye damage/eye irritation: Eye Irrit. 2A

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

Causes serious eye irritation.

Precautionary statements

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read carefully and follow all instructions.

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

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****Relevant ingredients**

CAS No	Chemical name	Quantity
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Safety Data Sheet

according to WHMIS

HydrO2 LITE

Date (latest revision): 12.02.2026

Page 2 of 9

71750-79-3	Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl Me, di-Me -	3 - < 7 % (*)
78330-21-9	Polyoxyethylene Tridecyl Ether	0.5 - < 1.5 % (*)

(*) 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

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of troubles or persistent symptoms, 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).

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

For non-emergency personnel

Wear personal protection equipment (refer to section 8).

Safety Data Sheet

according to WHMIS

HydrO2 LITE

Date (latest revision): 12.02.2026

Page 3 of 9

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****Additional advice on limit values**

To date, no national critical limit values exist.

Exposure controls**Appropriate engineering controls**

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

Safety Data Sheet

according to WHMIS

HydrO2 LITE

Date (latest revision): 12.02.2026

Page 4 of 9

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.

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:	bright green	
Odour:	characteristic	
Odour threshold:	not determined	
Melting point/freezing point:		not determined
Boiling point or initial boiling point and boiling range:		105 °C
Flammability:		not determined
Lower explosive limits:		not determined
Upper explosive limits:		not determined
Flash point:		not determined
Auto-ignition temperature:		not determined

Safety Data Sheet

according to WHMIS

HydrO2 LITE

Date (latest revision): 12.02.2026

Page 5 of 9

Decomposition temperature:	not relevant
pH-Value (at 20 °C):	7
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

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 products

Does not decompose when used for intended uses.

Safety Data Sheet

according to WHMIS

HydrO2 LITE

Date (latest revision): 12.02.2026

Page 6 of 9

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) > 2000 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
68131-39-5	Alcohols, C12-15, ethoxylated				
	oral	LD50 > 5000 mg/kg	Rat.	REACH Dossier	
	dermal	LD50 > 2000 mg/kg	Rat.	REACH Dossier	

Irritation and corrosivity

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

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

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.

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.

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.

Safety Data Sheet

according to WHMIS

HydrO2 LITE

Date (latest revision): 12.02.2026

Page 7 of 9

Endocrine disrupting properties

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 this transport regulation.

United Nations proper shipping name: No dangerous good in sense of this transport regulation.

Transport hazard class(es): No dangerous good in sense of this transport regulation.

Packing group: No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

UN number or ID number: No dangerous good in sense of this transport regulation.

United Nations proper shipping name: No dangerous good in sense of this transport regulation.

Transport hazard class(es): No dangerous good in sense of this transport regulation.

Packing group: No dangerous good in sense of this transport regulation.

Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

Environmental hazards**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: none

WHMIS classification

No data available

Provincial regulations

No data available

Additional information

Safety Data Sheet

according to WHMIS

HydrO2 LITE

Date (latest revision): 12.02.2026

Page 8 of 9

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

16. Other information**Changes**

- Rev. 1,00; 09.03.2015; Initial release
- Rev. 2,00; 28.12.2017, Changes in section: 1-16.
- Rev. 3,00; 16.07.2019, Changes in section: 1-16.
- Rev. 3,1; 15.04.2021, Changes in section: 1-16.
- Rev. 3,2; 06.04.2023, 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

Safety Data Sheet

according to WHMIS

HydrO2 LITE

Date (latest revision): 12.02.2026

Page 9 of 9

Further Information

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

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.)