

Safety Data Sheet (SDS)

According to directive EC 1907/2006, consolidated 05/14/2019

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ReinoldMax Stop Fire 500 mL

1. Identification of the substance/formulation and the company/distributor

1.1 Product identification

Reinoldmax foam spray fire extinguisher, 500 mL format

1.2 Relevant identified uses of the substance or mixture and uses advised against

The Reinoldmax spray fire extinguisher uses a aqueous film-forming foam to put out incipient fires. The product can be used to extinguish fire classes A (ordinary combustibles), B (flammable liquids), C (1000 V or less electrical equipment) and K (cooking greases, oils and fats).

1.3 Company identification

State of origin:	Quebec, Canada – Canadian institution
Company name:	ECO SECURICA INC.
Address :	117 Montée de Versailles O Mont-Saint-Grégoire Québec J0J 1K0
Telephone:	866-888-7239
Fax:	855-830-6694
E-mail address:	info@reinoldmax.net
Web site:	www.reinoldmax.com

1.4 Emergency telephone number

Resource:	Quebec Poison Control Centre
Emergency phone number:	1-800-463-5060

2. Hazards identification

2.1 Classification of substance or mixture

According to Regulation (EC) No 1272/2008 of the European Parliament and of the Council and Commission Regulation (EU) 2017/776, it does not meet the criteria for classification as dangerous product.

2.1 Product labelling

2.1.1 Pictogram

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2.1.2 Signal word

" CAUTION "

2.2 Hazard statement

H229 Container is under pressure: may burst when heated

H302 Harmful if swallowed

H320 Causes eye irritation - Category 2B

2.3 Precautionary statements

P251 Do not pierce or burn, even after use

P410 + P412 Protect from direct sunlight and do not expose to temperatures above 50 °C/122 °F

2.4 Other hazards

The ingredients of this formulation do not meet the criteria for classification as **PBT** or **vPvB** substance.

3. Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Composition

Chemical name	EC n°	CAS n°	Quantity in %	Classification according to regulation (EC)	REACH – Registration number
2-(2-Butoxyethoxy)-ethanol	203-961-6	112-34-5	1,0 - 2,0	Eye irritation 2 (H319)	No data available

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Alcohols, C6-12, ethoxylated, sulfate, sodium salt	500-485-3	161025-28-1	0 - 0,5	Skin irritation 2, Eye damage 1 (H315, H318)	No data available
Sodium octyl sulfate	205-535-5	142-31-4	0 - 0,5	Skin irritation 2, Eye damage 1 (H315, H319)	No data available
Water	-	7732-18-5	98,00	None	No data available

4. First aid measures

4.1 First aid measures description

General advice:	Medical first aid is not necessary.
Inhalation:	Not applicable.
Skin contact:	No fatal effects. Wash skin with soap and water.
Eye contact:	No fatal effects. Remove contact lenses. Flush immediately eyes and under the eyelids with water.
Ingestion :	No fatal effects. Do not induce vomiting without medical advice.
Additional advice:	Symptomatic treatment.

4.2 Most important symptoms and effects, both acute and delayed

Repeated or established skin contact can cause skin irritation. Irritating to eyes.

4.3 Identification of any immediate medical attention and special treatment needed

Notes to physician: Treat symptomatically

5. Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media: The solution is an extinguishing agent. The product is not flammable. Adjust the firefighting measures to the surroundings.

Unsuitable extinguishing media: Unknown.

5.2 Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, its combustion products or resulting gases: Unknown.

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5.3 Advice to firefighters

Take off the cap, point and spray by using “Stop-Spray-Stop” method. This product does not require any special training before use. Usage and handling instructions are mentioned on package.

6. Accidental release measures

6.1 Personal precautions

Avoid contact with eyes.

6.2. Environmental precautions

Inform appropriate authorities if large amounts enter drains.

6.3 Clean-up procedures

Wipe the foam with the cloth away with absorbent material (such as cloth, fleece). After cleaning, rinse with water.

6.4 Reference to other sections

See section 8 for additional information.

7. Handling and storage

7.1 Safe handling

Wash hands with soap after using fire extinguishing spray. Avoid contact with eyes. Protect pressurized container from the sunlight. Do not keep at the temperature over +50°C. Do not punch or burn the container after the use. Aluminum can is recyclable.

7.2 Safe storage

Safe storage temperature range is between 0°C and 50°C.

7.3 Shelf life

36 months. Expiry date is marked on the bottom of the can.

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7.4 Additional data

This solution can not be recognized as fire extinguisher according to EN3 norms and NFPA.

8. Exposure Control and Personal Protection

8.1 Parameters to be monitored

None.

8.2 Additional notes on the design of technical installations

No further information available. See Section 7.

8.3 Personal protective equipment:

Avoid contact with skin, eyes and clothing.

8.4 General protective and hygienic measures:

Do not eat, drink or smoke.

9. Physical and chemical properties

9.1 General

9.1.1	Form	Liquid
9.1.2	Colour	Light straw
9.1.3	Odor	Characteristic

9.2 Information on basic physical and chemical properties

9.2.1	pH (at 20°C)	6,5-8,5
9.2.2	Freezing point	-1°C
9.2.3	Boiling point	100°C
9.2.4	Oxidizing ability	Non corrosive
9.2.5	Vapor tension (at 20°C)	1 Mpa
9.2.6	Flash point	Not applicable
9.2.7	Flammability	Not flammable
9.2.8	Self-ignition ability	Not applicable
9.2.9	Upper explosion limit	Not applicable
9.2.10	Lower explosion limit	Not applicable

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9.2.11	Density (at 20°C)	1 g/cm ³
9.2.12	Solubility in water	100% soluble
9.2.13	Solubility in fats	Not applicable
9.2.14	Continuous working time	15-30 seconds
9.2.15	Length of sprayed flow	3 - 4 metres
9.2.16	Temperature range	0°C to 50°C
9.2.17	Gas propellant	Nitrogen (N ²)

10. Stability and reactivity

10.1 Reactivity

There are no known conditions that are likely to result in a hazardous situation.

10.2 Chemical stability

Stable under the prescribed storage conditions.

10.3 Possibility of hazardous reactions

None.

10.4 Conditions to avoid

Do not keep at temperature over 50°C.

10.5 Incompatible materials

Oxidizing agents, acids, alkalis.

10.6 Hazardous decomposition

No available data.

11. Toxicological information

11.1 Information on toxicological effects

11.1.1	Acute toxicity	None known.
11.1.2	Product Information	Product does not represent a hazard in the form of acute toxicity, according to known or provided information.

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11.1.3	Unknown acute toxicity	Zero percent of the mixture consists of components of unknown acute toxicity.
11.1.4	Corrosive/irritating effects	Slightly irritating to the eyes and the skin - not subject to identification.
11.1.5	Sensitization	Unknown.
11.1.6	Toxicological tests	None.
11.1.7	Experience from practice	No negative.
11.1.8	Reproductive toxicity	Unknown.
11.1.9	Aspiration hazard:	Unknown.

12. Ecological information

12.1 Toxicity

Zero percent of the mixture consists of components with unknown water hazard.

12.2 Persistence and degradability

No available information.

12.3 Potential bioaccumulation

This solution contains a few organic fluorochemicals that have the potential to resist degradation and remain in the environment. The amount of hazardous components is too small to involve mixture to be dangerous.

12.4 Mobility in the ground

No available information.

12.5 Other adverse effects

No available information.

13. Disposal considerations

13.1 Waste treatment methods

Disposal should be in accordance with applicable regional, national and local laws and regulations.

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13.2 Waste code

16 05 05 Gases in pressure vessels other than those mentioned in 16 05 04.

13.3 Waste key number for packaging

15 01 04 Metal packaging

14. Transport information

14.1 Land transport DORS/2001-286

UN number 1950 AEROSOLS non-flammable

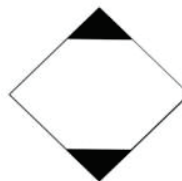
The Reinoldmax portable foam spray fire extinguisher, a pressurized, non flammable and less than one (1) litre container, qualifies for the exemption relative to the transportation of limited quantities (DORS/2008-34), as stipulated in article 1.17 of the DORS/2001-286 document published by Transports Canada.

14.1.1 **Hazard codification**

Not applicable.

14.1.2 **Labelling / Product identification label**

For identification purposes, shipping packages clearly bear the label or written inscription "Limited Quantity" ("Ltd. Qty").



14.2. Maritime transport IMDG

14.2.1	ADR/ RID class	2 Gases: nitrogen, N2
14.2.2	UN number	1950 AEROSOLS non-flammable
14.2.3	Hazard label	2.2 Compressed gas
14.2.4	EMS number	F-D, S-U
14.2.5	Marine pollutant	No

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14.2.6 Proper shipping name AEROSOLS

14.3. Air transport IATA

14.2.1	ADR/ RID class	2 Gases: nitrogen, N2
14.2.2	UN number	1950 AEROSOLS non-flammable
14.2.3	Hazard label	2.2 Compressed gas
14.2.4	Proper shipping name	AEROSOLS

15. Regulatory Information

15.1. Safety, health and environmental regulations / legislation specific to the substance or mixture

15.1.1 EU regulations

- Regulation (EC) N° 1005/2009 (substances that deplete the ozone layer)
Not applicable
- Regulation (EC) N° 850/2004 (persistent organic pollutants)
Not applicable
- Regulation (EC) N° 649/2012 (importation and exportation of dangerous chemicals)
Not applicable

15.1.2 National regulation

- **BS6165: 2002** (BSI Group, Kitemark House, Maylands Avenue, Hemel Hempstead, HP2 4SQ, United Kingdom)

Certificates according to BS6165: 2002 / (EAOT 1066: 2006)

15.2 Chemical Safety Assessment

The mixture was not subject to a safety assessment.

16. Other information

16.1 Text of the H-phrases in the EC classification

H229 Pressurized container



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H302 Harmful if swallowed
H320 Causes eye irritation - Category 2B

16.2 Safety instructions

P251 Do not pierce or burn, even after use
P410 + P412 Protect from direct sunlight and do not expose to temperatures above 50°C/122 ° F.

16.3 Good faith assessment

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.