

**MERSETA**

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MATERIAL SAFETY DATA SHEET according to Regulation (EC) No 1907/2006
consolidated 02.01.2017

Page 1 of 8

ReinoldMax StopFire 500ml

Date of issue: September 01, 2012
Revision date: June 15, 2017

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name: Fire Extinguishing Spray ReinoldMax StopFire 500ml

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

The product is considered for extinguishing fires of fire classes A3 (ordinary combustibles like wood, paper, textiles), B13 (flammable liquids like gasoline, alcohol), F5 (grease and fats).

Spray to extinguish small fires. Suitable to extinguish electrical appliances up to 1000V.

1.3. Details of the supplier of the safety data sheet

Company name: JSC MERSETA
Street: K. Dulksnio 9
Place: LT-53304 Narsieciai, Kaunas, Lithuania
Telephone: +370 37 393666
Telefax: +370 37 393655
E-mail: export@merseta.lt
Website: www.reinoldmax.com

1.4. Emergency telephone number

Emergency institution: In state of origin – produced in Lithuania, EU
Toxication control and information center
Siltnamiu 29, LT-2043 Vilnius, Lithuania
Emergency telephone: +370 5 2362052

SECTION 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.

2.2. Label elements

Pictogram



**MERSETA****MATERIAL SAFETY DATA SHEET** according to Regulation (EC) No 1907/2006
consolidated 02.01.2017

Page 2 of 8

ReinoldMax STOP FIRE 500mlSignal word
DANGER**Hazard statements:**

H229 The container is under pressure: may burst when heated

H302 Harmful if swallowed

H320 Causes eye irritation - Category 2B

Precautionary statements:

P102 Keep out of the reach of children

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

2.3. Other hazards

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

SECTION 3: Composition/information on ingredients**3.1. Substances**

Not applicable

3.2. Mixtures

Chemical name	EC-No.	CAS-No.	Quantity %	Classification according to Regulation (EC)	REACH – Registration number
2-(2-Butoxyethoxy)-ethanol	203-961-6	112-34-5	1,0 - 2,0	Eye Irrit. 2 (H319)	No data available
Alcohols, C6-12, ethoxylated, sulfate, sodium salt	500-485-3	161025-28-1	0 - 0,5	Skin Irrit. 2, Eye Dam. 1; H315, H318	No data available
Sodium Octyl Sulfate	205-535-5	142-31-4	0 - 0,5	Skin Irrit. 2, Eye Irrit. 1; H315, H319	No data available
Water	--	7732-18-5	98,00	none	No data available

**MATERIAL SAFETY DATA SHEET** according to Regulation (EC) No 1907/2006
consolidated 02.01.2017**ReinoldMax STOP FIRE 500ml****SECTION 4: First Aid Measures****4.1. Description of first aid measures**

General advice	Medical first aid is not necessary.
Inhalation	Inapplicable.
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

SECTION 5: Fire Fighting Measures**5.1. Extinguishing media**

Suitable extinguishing media: 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.

5.3. Advice for 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.

SECTION 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. Methods for cleaning up

absorbent material (such as cloth, fleece). After cleaning, rinse with water.

**MATERIAL SAFETY DATA SHEET** according to Regulation (EC) No 1907/2006
consolidated 02.01.2017**ReinoldMax STOP FIRE 500ml****6.4. Reference to other sections**

For more information, see section 8

SECTION 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

Storage temperature range is from 0°C to +50°C.

7.3. Shelf life

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

SECTION 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, see Section 7.

Personal protective equipment: Avoid contact with skin, eyes and clothing.**General protective and hygienic measures:** Do not eat, drink or smoke.**SECTION 9: Physical and Chemical Properties****9.1. Information on basic physical and chemical properties**

Form	Liquid
Color	Light straw color
Odor	Characteristic
pH (at 20°C)	6,5-8,5
Freezing point	-1°C
Boiling point	100°C
Oxidizing ability	Non-corrosive
Vapor tension (at 20°C)	1 Mpa
Flash point	Inapplicable
Flammability	Non-flammable
Self-ignition ability	Inapplicable
Upper-explosion limit	Inapplicable
Lower-explosion limit	Inapplicable
Density (at 20°C)	1 g/cm ³
Solubility in water	100% soluble
Solubility in fats	Inapplicable



MERSETA

MATERIAL SAFETY DATA SHEET according to Regulation (EC) No 1907/2006
consolidated 02.01.2017

Page 5 of 8

ReinoldMax STOP FIRE 500ml

Continuous working time	15-30 sec.
Length of sprayed flow	3-4 meters
Temperature range	0°C to +50°C
Gas propellant	Nitrogen (N2)

SECTION 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 the temperature over +50°C.

10.5. Incompatible materials

Oxidizing agents, acids, alkalis.

10.6. Hazardous decomposition

No data available.

SECTION 11: Toxicological Information

11.1. Information on toxicological effects

Acute toxicity: None known.

Product Information: Product does not represent a hazard in the form of acute toxicity, according to known or provided information.

Unknown acute toxicity: Zero percent of the mixture consists of components of unknown acute toxicity.

Corrosive and irritating effects: Slightly irritating to the eyes and the skin - not subject to identification.

Sensitization: unknown.

Toxicological tests: None.

Experience from practice: No negative.

Reproductive toxicity: unknown.

Aspiration hazard: unknown.

SECTION 12: Ecological Information

12.1. Toxicity

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

12.2. Persistence and degradability

There is no information.



MERSETA

MATERIAL SAFETY DATA SHEET according to Regulation (EC) No 1907/2006
consolidated 02.01.2017

Page 6 of 8

ReinoldMax STOP FIRE 500ml

12.3. Biokkumulationspotenzial

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

12.4. Mobility in the ground

There is no information.

12.5. Other adverse effects

There is no information.

SECTION 13: Disposal Considerations

Waste treatment methods

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

Waste code: 16 05 05

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

Waste key number for packaging: 15 01 04, metal packaging.

SECTION 14: Transport Information

Land transport ADR/RID:

ADR/ RID class:

UN-Number:

Hazard label:

Classification code:

Asphyxiant:

Danger code:

Description of goods:

Additional:

2 Gases: nitrogen, N2

1950 AEROSOLS non-flammable

2.2 Compressed gas

5A (Pressurized container;

gases which are non-oxidizing, non-flammable and non-toxic).

-

AEROSOLS

May be packed together in an outer packaging for combination packagings:

- with other goods of Class 2;

- with goods of other classes, when the mixed packing is

also permitted for these;

- or with goods which are not

requirements of ADR.

subject to the



MERSETA

MATERIAL SAFETY DATA SHEET according to Regulation (EC) No 1907/2006
consolidated 02.01.2017

Page 7 of 8

ReinoldMax STOP FIRE 500ml

Maritime transport IMDG:

ADR/ RID class:	2 Gases: nitrogen, N2
UN-Number:	1950 AEROSOLS non-flammable
Hazard label:	2.2 Compressed gas
EMS No:	F-D, S-U
Marine pollutant:	No
Proper shipping name:	AEROSOLS

Air transport IATA:

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

SECTION 15: Regulatory Information

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

EU regulations Regulation (EC) No 1005/2009 (Substances that deplete the ozone layer):
Not applicable

Regulation (EC) No 850/2004 (Persistent organic pollutants): Not applicable

Regulation (EC) No 649/2012 (Export and import of dangerous chemicals): Not applicable

National regulation

BS6165: 2002 from 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.

SECTION 16. Other Information

Text of the H-phrases referred to in Section 3

H229 - Pressurized container

H302 - Harmful if swallowed

H320 - Causes eye irritation - Category 2B

Safety instructions:

P102 Keep out of the reach of children

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.



MERSETA

MATERIAL SAFETY DATA SHEET according to Regulation (EC) No 1907/2006
consolidated 02.01.2017

Page 8 of 8

ReinoldMax STOP FIRE 500ml

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