

The safety data sheet complies with Commission Regulation (EU) 878/2020 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) .

## ELEKTROSOL

Creation date	27th January 2012	Version	5
Revision date	28th November 2022		

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

**1.1. Product identifier** ELEKTROSOL  
Substance / mixture mixture

**1.2. Relevant identified uses of the substance or mixture and uses advised against**  
**Mixture's intended use**

Cleaner

#### The use descriptors

IS Use at industrial sites

PW Widespread use by professional workers

#### Mixture uses advised against

The product should not be used in ways other than those referred in Section 1.

**1.3. Details of the supplier of the safety data sheet**

#### Supplier

Name or trade name	NOVATO
Address	Uralská 770/6, Praha, 160 00 Czech Republic
Identification number (CRN)	62910370
VAT Reg No	CZ62910370
Phone	+420 233 339 688
E-mail	petr.johanides@novato.cz
Web address	www.novato.cz

#### Competent person responsible for the safety data sheet

Name	ABITEC
E-mail	info@abitec.cz

**1.4. Emergency telephone number**

European emergency number: 112

### SECTION 2: Hazards identification

**2.1. Classification of the substance or mixture**

#### Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Aerosol 1, H229, H222

Skin Irrit. 2, H315

Eye Irrit. 2, H319

STOT SE 3, H336

Aquatic Chronic 2, H411

#### Most serious adverse physico-chemical effects

The mixture is extremely flammable. The container is under pressure: do not expose to sunlight and temperatures above 50 °C. Do not even puncture the empty container or throw it into the fire. Do not spray on open flames or hot objects. Keep away from sources of ignition - No smoking. Keep out of reach of children. Incomplete combustion can release dangerous gases.

#### Most serious adverse effects on human health and the environment

Inhalation of the aerosol can cause headaches, fatigue, drowsiness, malaise, even narcotic states, exceptionally irritation of the mucous membranes and respiratory tract. Do not inhale the aerosol. It irritates the skin (redness, itching, burning and even dermatitis). It irritates the eyes (watering, burning, itching up to conjunctivitis). Frequent or long-term contact with the skin causes drying or cracking of the skin or even dermatitis. Ingestion of the liquid phase may cause abdominal pain and nausea. Follow the instructions in the instructions for use. The mixture is classified as dangerous for the environment. Follow the instructions for use to avoid risks to people and the environment. The liquid is lighter than water and can cover the surface of the water. Avoid release to soil, ground or surface water or sewers. The full wording of the classification and H phrases is given in Sect. 16 of this safety data sheet.

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### 2.2. Label elements

#### Hazard pictogram



#### Signal word

Danger

#### Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

#### Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P261	Avoid breathing mist and spray.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C.
P501	Dispose of contents/container to in accordance with local regulations.

### 2.3. Other hazards

Extremely flammable aerosol. The container is under pressure: it may burst when heated. It irritates the skin. Causes serious eye irritation. May cause drowsiness or dizziness. Toxic to aquatic organisms, with long-term effects. Neither the mixture nor its components meet the criteria for persistent, bioaccumulative and toxic or highly persistent and highly bioaccumulative substances in accordance with Annex XIII, nor have they been included in the list drawn up in accordance with Article 59, paragraph 1, due to the content of endocrine disruptors , nor has it been determined as a substance with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Mixture.

**Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment**

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
EC: 921-024-6 Registration number: 01-2119475514-35	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	75-100	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Chronic 2, H411 Specific concentration limit: Skin Irrit. 2, H315: C ≥ 10 % STOT SE 3, H336: C ≥ 20 % Aquatic Chronic 2, H411: C ≥ 25 %	1

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Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 603-117-00-0 CAS: 67-63-0 EC: 200-661-7 Registration number: 01-2119457558-25	propan-2-ol	12,5-20	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 Specific concentration limit: Eye Irrit. 2, H319: C ≥ 10 % STOT SE 3, H336: C ≥ 20 %	1
CAS: 124-38-9 EC: 204-696-9	carbon-dioxide	<2,5	Press. Gas (compressed gas), H280	1

### Notes

1 A substance for which exposure limits are set.

Full text of all classifications and hazard statements is given in the section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

In the event of health problems or in case of doubt, consult a doctor and provide him with the information from this safety data sheet. In case of life-threatening conditions, perform resuscitation. Place the unconscious person in a stable position, keep them calm and warm, do not give anything by mouth. Avoid catching cold. Do not induce vomiting. In case of spontaneous vomiting, prevent inhalation of vomitus.

#### If inhaled

In case of aerosol inhalation, leave the contaminated area, rinse the oral cavity with water, breathe fresh air. Seek medical attention if breathing difficulties occur. If necessary (respiratory arrest or irregular breathing), perform artificial respiration.

#### If on skin

Wash the skin thoroughly with soap and water, treat with a regenerating cream. If clothing becomes contaminated, remove clothing. Seek medical attention if symptoms of irritation occur.

#### If in eyes

If the victim wears contact lenses, remove them. With the eyes wide open, flush from the inner corner of the eye towards the outer with a large amount of clean, lukewarm water, especially the area under the lids. Rinse for at least 15 min., seek medical treatment.

#### If swallowed

In the case of an aerosol product, ingestion is highly unlikely. Do not induce vomiting, rinse mouth with water (only if victim is conscious). Seek medical attention and present this safety data sheet.

### 4.2. Most important symptoms and effects, both acute and delayed

#### If inhaled

Inhalation of the aerosol can cause headaches, fatigue, drowsiness, malaise, even narcotic states, exceptionally irritation of the mucous membranes and respiratory tract. Do not inhale the aerosol.

#### If on skin

It irritates the skin (redness, itching, burning and even dermatitis). Frequent or long-term contact with the skin causes drying or cracking of the skin or even dermatitis.

#### If in eyes

It irritates the eyes (watering, burning, itching, redness and even conjunctivitis).

#### If swallowed

not available

### 4.3. Indication of any immediate medical attention and special treatment needed

No immediate medical attention is necessary if the mixture is used normally and adhered to in the instructions for use. Special treatment is required when symptoms reach a certain degree, as indicated in paragraphs 4.1 and 4.2; is symptomatic.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Multipurpose powders, CO<sub>2</sub>, foam, water mist

##### Unsuitable extinguishing media

Full stream of water. Spritzed water can only be used to cool packaging near the fire.

#### 5.2. Special hazards arising from the substance or mixture

Extremely flammable mixture. Incomplete combustion can produce toxic gases (CO<sub>x</sub>, hydrocarbons, etc.). Do not inhale decomposition products. At elevated temperatures, the pressurized package may be over-pressurized and ruptured. Solvent vapors are heavier than air, they accumulate in lower positions. They can form an explosive mixture when mixed with air. There is a risk of re-ignition.

#### 5.3. Advice for firefighters

Self-contained breathing apparatus and non-flammable emergency suit. Use non-sparking tools. Cool containers near fire with water spray or cover with foam. Combustion residues and water after intervention should be disposed of as hazardous waste.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Prevent the entry of unauthorized persons, ensure an escape area. Provide adequate ventilation, avoid inhalation of aerosol. Eliminate possible sources of ignition, do not smoke, do not expose to direct sunlight. Use non-sparking tools, avoid electrostatic charge. Avoid contact with skin and eyes - use personal protective equipment.

#### 6.2. Environmental precautions

Secure the escape area, prevent leakage into sewers, soil, surface and ground water. In the event of a large liquid leak, monitor NPK or TLV concentrations and inform the relevant state authorities and stream or sewer managers.

#### 6.3. Methods and material for containment and cleaning up

Aerosol evaporates, ensure adequate ventilation. Prevent liquid leakage, cover with non-flammable sorbent (sand, diatomaceous earth, soil, etc.), store the used sorbent in a closable waste container, label and dispose of as hazardous waste. Wash the contaminated area with water.

#### 6.4. Reference to other sections

See the Section 7, 8 and 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Ensure sufficient ventilation of the work area. Avoid the formation of gases and vapors in flammable or explosive concentrations and concentrations exceeding the highest permissible concentration (NPK-P) for working atmosphere. Avoid contact with open flames and other sources of ignition. Protect from direct sunlight. Use non-sparking tools. Take precautionary measures against static discharges electricity.

Protect the eyes and skin, do not inhale the aerosol, use personal protective equipment according to sec. 8. Pay attention

to valid legal regulations on safety and health protection. Observe the principles of work hygiene with chemicals, do not eat, drink or smoke while working. Wash your hands before breaks, meals and after work warm water with soap.

#### 7.2. Conditions for safe storage, including any incompatibilities

Store in original packaging at temperatures up to 50 °C, in dry, well-ventilated places.

Store away from heat sources, protect from direct sunlight, do not smoke.

Store away from food, drink and feed. Store separately from flammables.

Observe the general regulations on the storage of pressurized containers. Follow the directions on the label.

Content	Packaging type	Material of package
400 ml	aerosol can	FE

Storage temperature max. 50 °C

#### 7.3. Specific end use(s)

not available

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Czech Republic

##### Government Regulation 330/2023 Coll.

Substance name (component)	Type	Value	Note
propan-2-ol (CAS: 67-63-0)	PEL	500 mg/m <sup>3</sup>	irritating to mucous membranes (eyes, respiratory system) and skin
	PEL	200 ppm	
	NPK-P	1000 mg/m <sup>3</sup>	
	NPK-P	400 ppm	
carbon-dioxide (CAS: 124-38-9)	PEL	9000 mg/m <sup>3</sup>	
	PEL	4921 ppm	
	NPK-P	45000 mg/m <sup>3</sup>	
	NPK-P	24603 ppm	

##### Czech Republic

##### Government Regulation 195/2021 Coll.

Substance name (component)	Type	Value	Note
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	PEL	400 mg/m <sup>3</sup>	
	NPK-P	1000 mg/m <sup>3</sup>	

##### European Union

##### Commission Directive 2006/15/EC

Substance name (component)	Type	Value	Note
carbon-dioxide (CAS: 124-38-9)	OEL 8 hours	9000 mg/m <sup>3</sup>	
	OEL 8 hours	5000 ppm	

##### DNEL

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	2035 mg/m <sup>3</sup>	Chronic effects systemic		
Workers	Dermal	773 mg/kg/24h	Chronic effects systemic		
propan-2-ol					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	500 mg/m <sup>3</sup>	Chronic effects systemic		
Workers	Dermal	888 mg/kg/24h	Chronic effects systemic		

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### PNEC

propan-2-ol			
Route of exposure	Value	Value determination	Source
Microorganisms in sewage treatment	2251 mg/l		
Freshwater environment	140.9 mg/l		
Marine water	140.9 mg/l		
Soil (agricultural)	28 mg/kg		
Freshwater sediment	552 mg/kg		
Sea sediments	552 mg/kg		

### 8.2. Exposure controls

Ensure sufficient ventilation, or extraction of the working space. In case of exceeding NPK-P, use appropriate respiratory protection. Avoid contact with skin and eyes, do not inhale aerosol. Observe hygienic measures for working with chemicals. Do not eat, drink or smoke while working. Wash your hands with lukewarm water and soap before breaks, meals and after work. Adapt personal protective equipment to the nature of the work.

#### Eye/face protection

Closed safety glasses.

#### Skin protection

Protective workwear made of non-flammable material. Wash affected skin, remove contaminated clothing, wash before further use. Protective gloves (material, e.g. butyl rubber, nitrile rubber) - when choosing, follow the manufacturer's recommendations, the material must be impermeable and resistant to the components of the mixture. Test at a specific workplace before first use. Replace damaged gloves.

#### Respiratory protection

In the event of an increased risk of inhalation and insufficient ventilation, use a mask with a filter against organic vapors and aerosols, type A. In the event of an accident or long-term exposure, use a self-contained breathing apparatus.

#### Thermal hazard

There is a risk of the aerosol container rupturing when exposed to elevated temperatures or overheating.

#### Environmental exposure controls

Observe the usual environmental protection measures. Avoid release to sewers, ground and surface water and soil.

#### More information

Ensure compliance with Government Regulation 361/2007 Coll., which establishes conditions for health protection at work, as amended and fulfill the obligations contained therein.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	clear
Odour	characteristic
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	data not available
Flammability	Flammable Class I.
Lower and upper explosion limit	
bottom	0.6 %
upper	12 %
Flash point	data not available
Auto-ignition temperature	>200 °C
Decomposition temperature	data not available
pH	data not available

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Kinematic viscosity	data not available
Solubility in water	very slightly soluble to insoluble
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	85 hPa at 20 °C
Density and/or relative density	
Density	0.73 g/cm <sup>3</sup> at 20 °C
Relative vapour density	data not available
Particle characteristics	data not available

### 9.2. Other information

Content of organic solvents 99%  
 VOC content (according to EU): 721.7 g/l (= 99%)  
 Content of non-volatile components: 0.0%  
 Explosive properties: Not explosive.  
 Solvent vapors can form an explosive mixture when mixed with air.  
 Oxidizing properties: The mixture is not classified as oxidizing.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

When used in the standard way, there is not any dangerous reaction with other substances.

### 10.2. Chemical stability

The mixture is stable under normal environmental conditions, storage and handling.

### 10.3. Possibility of hazardous reactions

No dangerous reactions are known. There is a risk of the pressure vessel exploding when exposed to high temperatures. Solvent vapors can form an explosive mixture when mixed with air.

### 10.4. Conditions to avoid

At temperatures above 50 °C, contact with open flames, possible sources of ignition and hot surfaces, sparks, static electricity. Avoid the formation of a concentration within explosive limits.

### 10.5. Incompatible materials

Flammable materials, strong oxidizing agents, strong acids.

### 10.6. Hazardous decomposition products

Under normal conditions, the mixture does not decompose. Incomplete combustion or thermal decomposition produce toxic combustion products: CO<sub>x</sub>, hydrocarbons, etc.).

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

The mixture meets the criteria for classification according to EC Regulation No. 1272/2008. The mixture is classified as dangerous in the sense of EC Regulation No. 1272/2008, as amended.

#### Acute toxicity

The mixture is not classified as acutely toxic by any way of exposure.

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD <sub>50</sub>	>5840 mg/kg		Rat	
Dermal	LD <sub>50</sub>	>2920 mg/kg		Rabbit	
Inhalation	LC <sub>50</sub>	25.2 mg/l	4 hours	Rat	
Inhalation	LC <sub>50</sub>	193 mg/m <sup>3</sup>	4 hours	Rat	

propan-2-ol					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD <sub>50</sub>	5045 mg/kg		Rat	
Inhalation	LC <sub>50</sub>	72.6 mg/l	4 hours	Rat	



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propan-2-ol					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Dermal	LD <sub>50</sub>	12800 mg/kg		Rat	

### Skin corrosion/irritation

The mixture is classified as skin irritant, category 2.

### Serious eye damage/irritation

The mixture is classified as eye irritant, category 2.

### Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

### 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.

### Toxicity for specific target organ - single exposure

The mixture is classified as toxic to specific target organs after single exposure, category 3. Inhalation of vapors or aerosol can cause headache, drowsiness or dizziness, malaise, even narcotic states.

### Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

### Aspiration hazard

Based on available data the classification criteria are not met.

## 11.2. Information on other hazards

It does not contain substances causing disruption of the endocrine system. Inhalation of the aerosol can cause headaches, fatigue, drowsiness, malaise, even narcotic states, exceptionally irritation of the mucous membranes and respiratory tract. Do not inhale the aerosol. It irritates the skin (redness, itching, burning and even dermatitis). It irritates the eyes (watering, burning, itching, redness and even conjunctivitis). Frequent or long-term contact with the skin causes drying or cracking of the skin or even dermatitis.

## SECTION 12: Ecological information

### 12.1. Toxicity

The ecotoxic effects of the mixture were not assessed. Observe the usual environmental precautions.

#### Acute toxicity

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane				
Parameter	Value	Exposure time	Species	Environment
LC <sub>50</sub>	2200 mg/l	96 hours	Fish (Pimephales promelas)	
LC <sub>50</sub>	93-117 mg/l	96 hours	Fish	
EC <sub>50</sub>	4.3 mg/l	96 hours	Invertebrates (Daphnia magna)	



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Parameter	Value	Exposure time	Species	Environment
EC <sub>50</sub>	30-100 mg/l	72 hours	Algae	

### propan-2-ol

Parameter	Value	Exposure time	Species	Environment
EC <sub>50</sub>	>10 g/l	48 hours	Invertebrates (Daphnia magna)	
LC <sub>50</sub>	8970-9280 mg/l	48 hours	Fish (Leuciscus idus)	
LC <sub>50</sub>	4200 mg/l	96 hours	Fish	
LC <sub>50</sub>	903 mg/l	96 hours	Invertebrates (Crangon crangon)	

#### 12.2. Persistence and degradability

Data not available.

#### 12.3. Bioaccumulative potential

Not determined, bioaccumulation is unlikely.

#### 12.4. Mobility in soil

The mixture evaporates easily.

#### 12.5. Results of PBT and vPvB assessment

The mixture does not contain substances from the PBT and vPvB groups according to Annex XIII of the REACH Regulation, as amended.

#### 12.6. Endocrine disrupting properties

Substances with these properties in accordance with the criteria set out in Commission Regulation (EU) 2017/2100 or (EU) 2018/605 are not included.

#### 12.7. Other adverse effects

Water hazard class: 2 (Self-classification): Harmful to water. The mixture is dangerous for the environment, even a small amount can contaminate drinking water sources. It must not get into the soil, underground or surface water or sewage system. Observe the usual environmental protection measures.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Suitable disposal methods for the mixture Dispose of as hazardous waste. Hand over to an authorized person or to a hazardous waste collection yard for disposal. Dispose of mixture and packaging residues in accordance with local waste management regulations.

#### Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Act No. 477/2001 Coll., On Packaging, as amended.

#### Waste type code

14 06 03\* other solvents and solvent mixtures  
20 01 13\* Solvents

#### Packaging waste type code

15 01 11\* metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers  
15 01 10\* packaging containing residues of or contaminated by hazardous substances  
(\* ) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

### SECTION 14: Transport information

#### 14.1. UN number or ID number

UN 1950

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- 14.2. UN proper shipping name**  
AEROSOLS
- 14.3. Transport hazard class(es)**  
2 Gases
- 14.4. Packing group**  
not relevant
- 14.5. Environmental hazards**  
No
- 14.6. Special precautions for user**  
not available
- 14.7. Maritime transport in bulk according to IMO instruments**  
not relevant

**Additional information**

Always carry closed containers in upright position. Transport in packages that match the properties of the mixture. Observe the prescribed marking for cargo.

Hazard identification No.	
UN number	1950
Classification code	5F
Safety signs	2.1+dangerous for the environment



**Road transport - ADR**

Special provisions	190, 327, 344, 625
Limited quantities	1 L
Excepted quantities	E0
<b>Packaging</b>	
Packing instructions	P207, LP200
Special packing provisions	PP87, RR6, L2
Mixed packing provisions	MP9
Transport category	2
Tunnel restriction code	(D)
<b>Special provision for packages</b>	
loading, unloading and handling operation	V14 CV9, CV12 S2

**Railway transport - RID**

Special provisions	190, 327, 344, 625
Excepted quantities	E0
<b>Packaging</b>	
Packing instructions	P207, LP200
Special packing provisions	PP87, RR6, L2
Mixed packing provisions	MP9
Transport category	0
<b>Special provision for packages</b>	
loading, unloading and handling	W14 CW9, CW12

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### Air transport - ICAO/IATA

Packaging instructions for limited amount	Y203
Packaging instructions passenger	203
Cargo packaging instructions	203

### Marine transport - IMDG

EmS (emergency plan)	F-D, S-U
MFAG	620

## SECTION 15: Regulatory information

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

Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. COMMISSION REGULATION (EU) 2020/878 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). Commission Delegated Regulation (EU) 2021/849 of 11 March 2021 amending, for the purposes of adapting to technical and scientific progress, Part 3 of Annex VI to Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labeling and packaging of substances and mixtures. REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals.

### 15.2. Chemical safety assessment

No chemical hazard assessment was performed for this mixture.

#### More information

This information only indicates the basic regulations listed in this Safety Data Sheet. Please note the possible existence of additional regulations supplementing these Regulations. We refer to all applicable national, international and local regulations and regulations.

## SECTION 16: Other information

### A list of standard risk phrases used in the safety data sheet

H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

### Guidelines for safe handling used in the safety data sheet

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P261	Avoid breathing mist and spray.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C.
P501	Dispose of contents/container to in accordance with local regulations.

### Other important information about human health protection

The safety data sheet complies with Commission Regulation (EU) 878/2020 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) .

## ELEKTROSOL

Creation date	27th January 2012	Version	5
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The mixture should not be used for any purpose other than that for which it is intended (see point 1.2). Because the supplier can not control the specific conditions of use of the mixture, it is the responsibility of the user to adapt the prescribed warnings to local laws and regulations. Safety information describes the product in terms of safety and can not be considered as technical product information.

### Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EC <sub>50</sub>	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
EuPCS	European Product Categorisation System
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC <sub>50</sub>	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD <sub>50</sub>	Lethal dose of a substance in which it can be expected death of 50% of the population
log K <sub>ow</sub>	Octanol-water partition coefficient
NPK	Maximum admissible concentration
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
PEL	Permissible Exposure Limit
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative
Aerosol	Aerosol
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
Asp. Tox.	Aspiration hazard
Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquid
Press. Gas	Gases under pressure
Skin Irrit.	Skin irritation
STOT SE	Specific target organ toxicity - single exposure

### Training guidelines



## SAFETY DATA SHEET

The safety data sheet complies with Commission Regulation (EU) 878/2020 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) .

### ELEKTROSOL

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According to § 103 and § 104 of Act No. 262/2006 Coll., The Labor Code, as amended. Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

#### Recommended restrictions of use

not available

#### Information about data sources used to compile the Safety Data Sheet

Manufacturer data and toxicological databases.

#### The changes (which information has been added, deleted or modified)

Adaptation of BL updated Annex II of the REACH Regulation as amended by Commission Regulation (EU) 2020/878.

#### More information

Based on the classification rules, some components of the mixture are classified with the sentence "H304 - May cause death if swallowed and enters the respiratory tract" based on inhalation hazard. The mixture is placed on the market in an aerosol sprayer, the above-mentioned effects are unlikely and the mixture does not need to be labeled as GHS08 with the phrase H304 according to point 1.3.3. and 3.10.1.6.3 Annexes I of the EP and Council Regulation (EC) No. 1272/2008).

#### Statement

The safety data sheet contains the data needed to ensure safety and health at work and environmental protection. These data correspond to the current state of knowledge and experience and are in accordance with applicable legal regulations. They can not be considered as a guarantee of the suitability and usability of the product for a specific application. The user is responsible for the treatment under existing laws and regulations.

