SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier: **ULTRALON® Strong**

UFI code: HHEE-3MQV-V00J-2NU3

Contains: Tetrasodium ethylenediaminetetraacetate (CAS 64-02-8) < 10% Sodium hydroxide (CAS 1310-73-2) < 5%
Ethoxylated alcohol < 2.5%

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

Universal cleaning mixture – for professional use only. Uses advised against: Not specified. It is recommended to use only for the intended uses.
Other uses may expose the user to unforeseeable risks.

1.3 Detailed information about the supplier of the safety data sheet: Trade name:

NOVATO spol. s r. o.
Registered office: Uralská 6, 160 00 Prague 6 Company ID: 62910370 VAT number: CZ62910370 Tel.: 233 339 688, 224 315 118
Contact person: Ing. Petr Johanides
www.novato.cz, petr.johanides@novato.cz

Professionally qualified person responsible for the safety data sheet Trade name:

ABITEC, Ltd.
Headquarters: V háji 1183/22, 170 00 Prague 7
Tel.: 296 792 223 Email:info@abitec.cz Contact person: Ing. Vít Matějů

1.4 Emergency telephone number: **224 919 293, 224 915 402** (24 hours a day)
Toxicological Information Centre, Na Bojišti 1, Prague 2 E-mail: tis@vfn.cz

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture:
The mixture meets the criteria for classification according to Regulation (EC) No 1272/2008. The mixture is classified as hazardous according to Regulation (EC) No 1272/2008, as amended.

Hazard categories:
Skin Corr. 1B, H314 Eye Dam. 1, H318

Hazard information:
Causes severe skin burns and eye damage. Causes serious eye damage.

Most serious adverse physicochemical effects:
The mixture is strongly alkaline. Risk of exothermic reaction when in contact with acids. The mixture contains a component that may corrode metals. Thermal decomposition at high temperatures may release hazardous decomposition products.

Most serious adverse effects on human health:
The mixture causes severe irritation or damage to the eyes (tearing, burning, conjunctivitis, reversible damage, damage to the cornea) and skin burns (burning, redness, chemical burns). Inhalation of the sprayed mixture may cause irritation of the mucous membranes and disruption of the respiratory tract. Ingestion of the liquid may cause nausea, abdominal pain and, in extreme cases, perforation of the digestive tract. Ensure that it is not confused with beverages.

Most serious adverse effects on the environment:
The mixture is not classified as harmful to the environment. Spillage of large quantities of the mixture into the environment may affect the pH of the aquatic environment. Follow the instructions for use to avoid risks to humans and the environment. Prevent spillage into soil, groundwater, surface water or sewage systems.
The full text of the classification and H and P statements is given in section 16 of this safety data sheet.

2.2 Label elements

Signal word: Danger Pictograms:
GHS05

Standard hazard statements:
H314 Causes severe skin burns and eye damage.

Precautionary statements:
P260: Do not breathe mist or vapours.
P280: Wear protective gloves, protective clothing and eye/face protection.
P301 + P330 + P331: IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.
P310: Immediately call a POISON CENTRE or doctor/physician.
P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water.
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501: Dispose of contents and container as hazardous waste in accordance with local regulations, e.g. at a collection point
or by handing it over to an authorised person for disposal.

Hazardous components for labelling:
Ethylenediaminetetraacetate tetrasodium (CAS 64-02-8) < 10%
Sodium hydroxide (CAS 1310-73-2) < 5%
Ethoxylated alcohol < 2.5%

Additional information on the label:
Product identifier: **ULTRALON® Strong** Universal cleaning mixture – for professional use only Contains: 5–15% EDTA and its salts
< 5% anionic surfactants; non-ionic surfactants, perfumes For professional users only.
Mixture supplier: **NOVATO spol. s r. o.,** Uralská 6, 160 00 Prague 6; tel.: 233 339 688, 224 315 118

2.3 Other hazards:
Neither the mixture nor its components meet the criteria for persistent, bioaccumulative and toxic or very persistent and very bioaccumulative substances in accordance with Annex XIII, nor have they been included in the list compiled in accordance with Article 59(1) due to their content of substances causing endocrine disruption, nor have they been identified as substances 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

3.1 Substances: Not a substance

3.2 Mixtures

Chemical name	Content	CAS No	EC No	Index number
Tetrasodium ethylenediaminetetraacetate	2.5–10	64-02-8	200-573-9	607-428-00-2
Sodium hydroxide	2.5–5	1310-73-2	215-185-5	011-002-00-6
Ethoxylated alcohol	1–2.5%	Not specified	Not specified	Not assigned
Sodium xylenesulfonate	1–2.5%	1300-72-7	215-090-9	Not assigned

Classification of mixture components

Chemical name	Hazard symbol Hazard	Classification	Specific and general concentration limits
Ethylenediaminetetraacetate tetrasodium	GHS05, GHS07 GHS08	Acute Tox. 4, H302+H332 Eye Dam. 1, H318 STOT RE H373	Eye Dam. 1, H318: c ≥ 3% Eye Irrit. 2; H319: 1% ≤ c < 3% STOT RE 3, H373: c ≥ 10%
Sodium hydroxide	GHS05	Skin Corr. 1A, H314 Met. Corr. 1, H290	Skin Corr. 1A; H314: c ≥ 5% Skin Corr. 1B; H314: 2% ≤ c < 5% Skin Irrit. 2; H315: 0.5% ≤ c < 2% Eye Irrit. 2; H319: 0.5% ≤ c < 2%
Ethoxylated alcohol [x]	GHS05, GHS07	Eye Dam. 1, H318 Acute Tox. 4, H302	Eye Dam. 1, H318: c≥3% Eye Irrit. 2; H319: 1%≤c<3%
Sodium xylenesulfonate [x]	GHS07	Eye Irrit. 2, H319 Acute Tox. 4, H312	Eye Irrit. 2, H319: c ≥ 10%

[x] The substance is not classified in the Harmonised Classification List. The data used for classification are taken from databases and BL.

Labelling of contents according to Regulation (EC) No 648/2004 on detergents	Contents
EDTA and its salts	5–15
Anionic surfactants, non-ionic surfactants, perfumes	< 5

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

If you experience any health problems or have any doubts, consult a doctor and provide them with the information from this safety data sheet. When providing first aid, ensure the safety of both the rescuer and the rescued person. In case of skin burns, rinse thoroughly with water and cover with a sterile bandage. In life-threatening situations, perform resuscitation. Place the unconscious person in a stable position and do not give anything by mouth. Prevent hypothermia. Do not induce vomiting. In case of spontaneous vomiting, prevent inhalation of vomit.

If inhaled:
Immediately stop exposure, rinse mouth with water, breathe fresh air. If clothing is affected, remove clothing. Keep the affected person calm and protect them from hypothermia. If necessary (respiratory arrest or irregular breathing), perform artificial respiration using a breathing bag, not directly from mouth to mouth. If irritation or burns to the respiratory tract occur, seek medical attention.

In case of skin contact:
Remove contaminated clothing. Remove any obstacles (rings, bracelets, watches, etc.) from the affected area of skin. Wipe off the product, wash thoroughly with water if the skin has not been damaged, and treat with a regenerative cream. If clothing is contaminated, remove it. If symptoms of burns or damage appear, rinse with water, cover with a sterile bandage and seek medical attention immediately.

If it gets into your eyes:
Rinse the eyes and surrounding area. If the affected person is wearing contact lenses, remove them. Rinse the eyes wide open from the inner corner of the eye towards the outer corner with plenty of clean lukewarm water, especially the area under the eyelids. Rinse for at least 15 minutes and seek medical treatment. Continue rinsing the eyes during transport to the doctor.

If swallowed:
Do not induce vomiting. Rinse mouth with water and drink a glass of water (only if the affected person is conscious and not in pain). Do not give food and do not attempt to neutralise. Seek medical treatment immediately and present this safety data sheet.

4.2 Most important acute and delayed symptoms and effects
The mixture is corrosive. It may cause severe irritation or damage to the eyes (redness, burning, tearing, reversible damage, corneal damage, even blindness) and skin (redness, itching, irritation, chemical burns). Inhalation of the sprayed mixture or mist may cause severe irritation of the respiratory tract, coughing, and burning of the respiratory system. Ingestion of the liquid may cause nausea, abdominal pain, vomiting, and diarrhoea, and in extreme cases, disruption of the digestive tract with internal bleeding.

4.3 Instructions for immediate medical attention and special treatment
Under normal conditions of use, immediate medical attention is not required. It is only required if symptoms reach a certain level, as described in sections 4.1 and 4.2; it is symptomatic.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media
Suitable extinguishing media: The mixture is not flammable; use extinguishing media appropriate for the surrounding fire (multipurpose powders, CO_2, foam, water mist).

Unsuitable extinguishing media: Not specified

5.2 Special hazards arising from the substance or mixture:
Thermal decomposition at high temperatures may produce hazardous decomposition products (COx, NOx, SOx, etc.). Do not inhale decomposition products.

5.3 Instructions for firefighters:
Adapt protective equipment to the nature of the fire (self-contained breathing apparatus, protective suit).

Other information:
Remove tanks containing the mixture from the fire if you can do so without risk. Cool containers with water spray. Residues after burning and water used to extinguish the fire should be disposed of as hazardous waste.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal protection measures, protective equipment and emergency procedures
Prevent unauthorised persons from entering, secure and isolate the spill area. Ensure adequate ventilation, do not inhale the spray or mist. Avoid contact with skin and eyes – use personal protective equipment.

6.2 Environmental protection measures
Secure the spill area, contain the spilled mixture. Prevent spillage into drains, soil, surface water and groundwater (by fencing off the spill area, covering drains, using oil barriers, creating containment lagoons, etc.). In the event of a large liquid spill, monitor NPK or TLV concentrations and inform the relevant state authorities and watercourse or sewerage administrators.

6.3 Methods and materials for limiting leakage and cleaning
In the event of a large spill, stop the spill and pump out the mixture. In the event of a small spill, neutralise it, cover it with a suitable sorbent (universal sorbent, sand, sawdust, diatomaceous earth, soil, vermiculite, etc.), place the used sorbent in a sealable waste container and dispose of it as hazardous waste. Wash the contaminated area with water.

6.4 Reference to other sections:
For recommended personal protective equipment, see Section 8. Dispose of unused mixture according to Section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:
Ensure adequate ventilation of the work area. Protect eyes and skin, do not inhale sprayed mixture, use personal protective equipment according to section 8. Prevent confusion with beverages. Keep the work area clean and unobstructed. The work area should be equipped with a source of drinking water for first aid. The container with the mixture must remain closed and secured against tipping over. Prevent contact with heat sources.
Observe the applicable health and safety regulations. Observe the principles of hygiene when working with chemicals; do not eat, drink or smoke while working. Wash your hands with warm water and soap before breaks, meals and after work.

7.2 Conditions for safe storage of substances and mixtures, including incompatible substances and mixtures:
Store tightly closed in original containers in cool, dry and well-ventilated areas. Store away from heat sources. Store away from food, beverages and feed. The storage area should be equipped with a source of drinking water for first aid.
Store separately from strong acids and oxidising agents.
Follow the instructions on the label.
Recommended material for tanks and pipes: stainless steel, HDPE, HDPP.
Unsuitable material for tanks and pipes: aluminium, light metals and their alloys. Quantity limits under given storage conditions: not specified

7.3 Specific end use: Not specified

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTIVE EQUIPMENT

8.1 Control parameters:

Chemical name	PEL [mg/m³]	NPK-P [mg/m³]	Note
Sodium hydroxide	1	2	I

According to Annex No. 2, Government Regulation 361/2007 Coll., as amended

Note I: Irritating to mucous membranes (eyes, respiratory tract) and skin

Monitoring procedures:
Ensure compliance with Government Regulation No. 361/2007 Coll., as amended, which lays down conditions for occupational health and safety, as amended, and fulfil the obligations contained therein.

Biological limit values (according to the supplier's BL): None

DNEL:

Compound	Route of exposure	Workers long-term
Tetrasodium ethylenediaminetetraacetate	Inhalation	1.5 mg/m³
Sodium hydroxide	Inhalation	1 mg/m³
Sodium xylenesulfonate	By inhalation Dermal	53.6 mg/m³ 7.6 mg/kg/day

PNEC:

Compound	WWTP	Freshwater	Salt water	Soil	Freshwater sediment	Marine sediment
Tetrasodium ethyleneamine tetraacetate	43 mg/l	2.2 mg/l	0.22 mg/l	0.72 mg/kg	--	--
Sodium xylenesulfonate	100 mg/l	0.23 mg/l	--	--	--	--

8.2 Exposure controls:
Ensure adequate ventilation of the work area. Avoid contact with skin and eyes, do not inhale the spray mixture. Observe hygiene measures for working with chemicals. The work area should be equipped with a source of drinking water. Do not eat, drink or smoke while working. Wash hands with lukewarm water and soap before breaks, meals and after work. Adapt personal protective equipment to the nature of the work.
Individual protective measures, including personal protective equipment:

- Eye and face protection:
  Closed safety goggles
- Skin protection:
  Protective work clothing. Wash affected skin, remove contaminated clothing and wash before reuse.
- Hand protection:
  Protective gloves (material e.g. rubber, PVC, nitrile rubber) – follow the manufacturer's recommendations when selecting gloves; the material must be impermeable and resistant to the components of the mixture. Test at the specific workplace before first use. Replace damaged gloves.
- Respiratory protection:
  Not necessary if the recommended method of use is followed. If mist or aerosol is formed, use a type A filter mask.
- Thermal hazards:
  Not determined. Avoid heating the mixture and exposure to elevated temperatures.

  Environmental exposure controls
  Observe the usual environmental protection measures. Prevent leakage into drains, soil, surface water and groundwater.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties Physical state: Liquid
Colour: Blue
Odour: Mint/Pine
Melting point/freezing point: Data not available
Boiling point or initial boiling point and boiling range: 100 °C
Flammability: The mixture is not flammable
Explosive limits: Lower limit: Not determined
Upper limit: Not determined
Flash point: Not applicable
Auto-ignition temperature: The mixture is not self-igniting Decomposition temperature: Data not available pH: 13.7
Kinematic viscosity (at 40 °C): 1.9 mm^2/s Solubility:
In water: The mixture is miscible
In oil: Not determined Partition coefficient n-octanol/water: Data not available Vapour pressure (at 20 °C): Not determined
Density (at 20 °C): 1.083 g/cm^3
Relative vapour density: Not determined
Particle characteristics: Not applicable to liquids or gases

9.2 Other information: Organic solvent content: 0%
Explosive properties: The product does not pose an explosion hazard.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:
No dangerous reactions are expected when used as recommended. The mixture is corrosive, strongly alkaline, and there is a risk of exothermic reaction when in contact with acids.

10.2 Chemical stability:
The mixture is stable under normal environmental conditions, storage and handling.

10.3 Possibility of hazardous reactions:
Contact with acids may cause a dangerous exothermic reaction, heat generation and splashing of

reaction mixture. Reactions with oxidising agents may release dangerous gases.

10.4 Conditions to avoid:
Very high temperatures, freezing, contact with incompatible materials.

10.5 Incompatible materials:
Strong acids, bases and oxidising agents, aluminium.

10.6 Hazardous decomposition products:
Under normal conditions, the mixture does not decompose. Thermal decomposition at high temperatures may produce toxic decomposition products: CO_x, NO_x, SO_x, etc.

10.7 Other information: None

SECTION 11: TOXICOLOGICAL INFORMATION

No data available for the mixture. Acute toxicity of mixture components:

Chemical name	Toxicity test	Value	Species
Ethylenediaminetetraacetate tetrasodium	LD_{50}, oral	1,780 mg/kg	rat
	LD_{50}, inhalation, 4 hours	> 1–5 mg/l	rat
	LD_{50}, dermal	> 5,000 mg/kg	rabbit
Sodium hydroxide	LD_{50}, oral	325 mg/kg	Rabbit
	LD_{50}, inhalation, 1 hour	Not determined	rabbit (gases and vapours)
	LD_{50}, dermal	1,350 mg/kg	rabbit
Sodium xylenesulfonate	LD_{50}, oral	> 7,000 mg/kg	rat
	LD_{50}, dermal	> 2,000 mg/kg	rabbit
Data for concentrated substance	LC_{50}, inhalation, 4 hours	> 6.41 mg/l	rat (gases and vapours)

11.1 Information on hazard classes defined in Regulation (EC) No 1272/2008: Acute toxicity:
The mixture is not classified as acutely toxic by any route of exposure.

Skin corrosion/irritation:
The mixture is classified as corrosive to skin, category 1. It causes burns to the skin and mucous membranes.

Serious eye damage/eye irritation:
The mixture is classified as harmful to the eyes, category 1. The mixture causes serious eye damage.

Respiratory sensitisation/skin sensitisation:
Based on available data, the classification criteria are not met.

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

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

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

Specific target organ toxicity – single exposure:
Based on available data, the criteria for classification are not met.

Specific target organ toxicity – repeated exposure:
Based on available data, the criteria for classification are not met.

Hazardous if inhaled:
Based on available data, the classification criteria are not met. Inhalation of vapours or sprayed mixture may cause irritation or disruption of the respiratory tract.

11.2 Information on other hazards:
Does not contain substances that cause disruption of the endocrine system.
The mixture is corrosive. It may cause severe irritation or damage to the eyes (redness, burning, tearing, reversible damage, corneal damage or blindness) and skin (redness, itching, irritation, chemical burns). Inhalation of the sprayed mixture or mist may cause respiratory tract irritation, coughing, and burning of the respiratory system. If the liquid is swallowed, it may cause mouth burns, nausea, abdominal pain, vomiting, and diarrhoea, and in extreme cases, disruption of the digestive tract with internal bleeding.

SECTION 12: ECOLOGICAL INFORMATION

The ecotoxic effects of the mixture itself have not been assessed.
Prevent the liquid from entering drains, groundwater or surface water.

12.1 Toxicity of mixture components:

Chemical name	Toxicity test	Value	Type
Ethylenediaminetetraacetate tetrasodium	LC_{50}, 96 hours	59.8 mg/l	Fish (*Pimephales promelas*)
	LC_{50}, 96 hours	157 mg/l	Fish (*Lepomis macrochirus*)
	EC_{50}, 24 hours	610 mg/l	Invertebrates (*Daphnia magna*)
Sodium hydroxide	LC_{50}, 48 hours	189 mg/l	Fish (*Leuciscus idus melanotus*)
	LC_{50}, 24 hours	125 mg/l	Fish (*Gambusia affinis*)
	EC_{50}, 48 hours	76 mg/l	Invertebrates (*Daphnia magna*)
	$EClethal$, 48 hrs.	100 mg/l	Invertebrates (*Daphnia sp.*)
Sodium xylenesulfonate	LC_{50}, 96 hours	> 1,000 mg/l	Fish (*Pimephales promelas*)
	EC_{50}, 48 hours	> 1,000 mg/l	Invertebrates (*Daphnia magna*)
	EC_{50}, 96 hours	> 230 mg/l	*Selenastrum sp.*
	NOEC	31 mg/l	*Selenastrum sp.*

12.2 Persistence and degradability — The surfactants contained in this product comply with the biodegradability criteria set out in Directive (EU) 648/2004 on detergents, as amended.

12.3 Bioaccumulation potential — Not determined, bioaccumulation is unlikely.

12.4 Mobility in soil — Water-soluble mixture, risk of contamination of watercourses.

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

12.6 Endocrine disrupting properties: Not contained

12.7 Other adverse effects — The mixture is not classified as harmful to the environment. Spillage of large quantities into drains or water sources may alter the pH of the aquatic environment. Prevent leakage into soil, groundwater, surface water or drains. Observe the usual environmental protection measures.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of as hazardous waste. Hand over to an authorised person for special treatment or to a hazardous waste collection point. Do not dispose of with municipal waste. When disposing of mixture residues and packaging, follow local waste disposal regulations.

Possible waste catalogue number: unused mixture 20 01 29, 20 01 15
Suitable methods for disposing of contaminated packaging Dispose of as hazardous waste in accordance with local regulations. Uncontaminated packaging can be recycled.
Contaminated container with mixture residues 15 01 10
Cleaned waste container 15 01 02

National provisions on waste:
Waste Act No. 541/2020 Coll. as amended. Act No. 477/2001 Coll. on packaging, as amended

SECTION 14: TRANSPORT INFORMATION

Precautions for transport:
Transport in packaging appropriate to the properties of the mixture. Comply with the prescribed labelling for the cargo.

14.1 UN number or ID number — 3267

14.2 Official (UN) name for transport — UN3267, CORROSIVE SUBSTANCE, LIQUID, ALKALINE, ORGANIC, N.O.S. (Sodium hydroxide)
CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Sodium hydroxide) (The mixture contains Sodium hydroxide < 5%; Tetrasodium ethylenediaminetetraacetate < 5%)

14.3	Transport hazard class(es)	8
	Classification code	C7
	Hazard identification number (Kemler code)	80
	Safety label	8
14.4	Packaging group	II
14.5	Environmental hazard	No
14.6	Special precautions for users	
	Warning:	Corrosive substances
	EMS group	F-A, S-B
	Exempt quantity	E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
	Transport category	2
	Tunnel restriction code	E
	Limited quantity (LQ)	1L
	Segregation groups	Alkalis
	Stowage Category	A
	Stowage Code SW2	Clear of living quarters.
	Segregation Code SG35	Stow "separated from" acids.
14.7	Maritime bulk transport according to IMO instruments	Not
	applicable Inland waterway transport – ADN/ADNR	Not specified
	Maritime transport – IMDG	
	Class	8
	Packaging group	II
	Safety label	8
	Proprietary transport designation	UN3267, CORROSIVE SUBSTANCE, LIQUID, ALKALINE, ORGANIC, N.O.S. (Sodium hydroxide) CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Sodium hydroxide)
	EMS group	F-A, S-B
	Marine pollutant	No
	Rail transport RID	
	Air transport – ICAO/IATA	On passenger aircraft/rail: 5 L On cargo aircraft only: 60 L

SECTION 15: REGULATORY INFORMATION

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

- Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (CLP), as amended
- Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals, as amended, including implementing regulations.
- Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents National regulations concerning the protection of persons or the environment

Protection of persons:

- Labour Code No. 262/2006, as amended
- Act on the Protection of Public Health No. 258/2000 Coll. as amended
- Decree laying down hygiene limits for chemical, physical and biological indicators for the indoor environment of living spaces in certain buildings No. 6/2003 Coll.
- Government Regulation laying down conditions for occupational health protection No. 9/2013 Coll. as amended
- Government Regulation laying down technical requirements for personal protective equipment No. 21/2003, as amended.

Environmental protection

- Act on Air Protection No. 172/2018 Coll., as amended.
- Waste Act No. 541/2020 Coll. as amended.
- Act No. 477/2001 Coll., on Packaging, as amended.
- Act No. 113/2018 Coll., amending Act No. 254/2001 Coll., on waters and on amendments to certain

laws (Water Act), as amended, and Act No. 388/1991 Coll., on the State Environmental Fund of the Czech Republic, as amended

Fire regulations

- Act of the Czech National Council No. 133/1985 Coll., on fire protection, as amended
- Decree on Fire Prevention No. 221/2014 Coll., as amended Restrictive conditions according to Annex XVII REACH: 3

Note:
The information provided only indicates the basic regulations mentioned in this safety data sheet. Please note that additional regulations may exist to supplement these regulations. We refer to all applicable national, international and local regulations and regulations.

15.2 Chemical safety assessment
No chemical safety assessment has been carried out for this mixture.

SECTION 16: FURTHER INFORMATION

Shelf life: 24 months from the date of manufacture. List of H statements contained in the safety data sheet H290 - May be corrosive to metals.
H302 - Harmful if swallowed.
H312 - Harmful in contact with skin.
H314 - Causes severe skin burns and eye damage. H315 - Irritating to skin.
H318 - Causes serious eye damage. H319 - Causes serious eye irritation. H332 - Harmful if inhaled.
H373 - May cause damage to organs through prolonged or repeated exposure.
H400 - Highly toxic to aquatic life.

List of abbreviations used in the safety data sheet Acute Tox. 4 – Acute toxicity, category 4
Skin Corr. 1A, 1B, resp. Irrit. 2 – Skin corrosion/irritation, category 1A, 1B, resp. 2 Eye Dam. 1, resp. Irrit. 2 – Serious eye damage/eye irritation, category 1 or 2 STOT RE 2 – Specific target organ toxicity after repeated exposure.
Aquatic Acute 1 – Acute hazard to the aquatic environment, category 1 PBT – persistent, bioaccumulative and toxic
vPvB – very persistent and very bioaccumulative NPK – maximum permissible concentrations
TLV – [threshold limit value] permissible exposure limit PEL – permissible exposure limit
DNEL – Derived No Effect Level LD_{50} – Lethal dose, 50 per cent
NOEC – [No Observed Effect Concentration] highest concentration without observed effect ADR – Agreement on Dangerous Goods by Road – Europe
IATA – International Air Transport Association ICAO – International Civil Aviation Organisation
IMDG – International Maritime Code for Dangerous Goods
RID – Regulations Concerning the International Transport of Dangerous Goods by Rail

The mixture should not be used for any purpose other than that for which it is intended (see Section 1.2). As the supplier cannot 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. The safety information describes the product from a safety perspective and cannot be considered technical information about the product.

Training instructions:
According to Sections 103 and 104 of Act No. 262/2006 Coll., Labour Code, as amended. Sources of

the most important information: Manufacturer's data and toxicological databases.

For technical information, see section 1.3 of this safety data sheet.

Changes from the previous edition
Amendment to BL in accordance with the updated Annex II to the REACH Regulation, as amended by Commission Regulation (EU) 2020/878.

Declaration:
The safety data sheet contains information necessary to ensure occupational health and safety and environmental protection. The information provided corresponds to the current state of knowledge and experience and complies with applicable legal regulations. It cannot be considered a guarantee of the suitability and applicability of the product for a specific application. The user is responsible for handling the product in accordance with existing laws and regulations.