

## TECHNOX L

Creation date	22nd October 2003	Version	16
Revision date	01st August 2023		

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

- 1.1. Product identifier** TECHNOX L  
Substance / mixture mixture
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**  
**Mixture's intended use**  
Cleaning agent, removes asphalt residues  
**The use descriptors**  
IS Use at industrial sites  
PW Widespread use by professional workers  
**Mixture uses advised against**  
Not specified. It is recommended to be used only for specified uses. Other uses may expose users to unforeseeable risks.
- 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.

Flam. Liq. 3, H226  
Asp. Tox. 1, H304  
Acute Tox. 4, H312+H332  
Skin Irrit. 2, H315  
Eye Irrit. 2, H319  
STOT SE 3, H335  
STOT RE 2, H373

#### Most serious adverse physico-chemical effects

The mixture is flammable. Protect from heat sources, open flames and hot surfaces. Do not expose to direct sunlight and elevated temperatures. Keep away from sources of ignition - No smoking. Keep the package tightly closed. The vapors of the mixture are heavier than air, they accumulate in lower positions. They can form an explosive mixture when mixed with air.

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

Inhalation of vapors can cause headaches, fatigue, drowsiness, malaise, and in extreme cases, narcotic conditions. Ingestion of liquid into the respiratory system during ingestion or aspiration of vomit during subsequent vomiting may cause bronchopneumonia or pulmonary edema. It irritates the skin (redness, itching, burning). Frequent or long-term contact with the skin causes drying or cracking of the skin or even dermatitis. Direct eye contact may cause mild short-term eye irritation. Follow the instructions in the user manual. 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.

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) .

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### 2.2. Label elements

#### Hazard pictogram



#### Signal word

Danger

#### Hazard statements

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H312+H332	Harmful in contact with skin or if inhaled.

#### Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing mist/vapours.
P280	Wear protective gloves/protective clothing/eye protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): 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.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.

### 2.3. Other hazards

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: 905-562-9 Registration number: 01-2119555267-33	Reaction mixture of ethylbenzene and o,m,p-xylene	100	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Acute Tox. 4, H312+H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373	1, 2

#### Notes

- 1 A substance for which exposure limits are set.
- 2 Substance for which biological limit values exist.

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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

If you feel any health problems or if in doubt, seek medical advice and provide information from this Safety Data Sheet. In the case of life-threatening conditions, resuscitate. Keep the unconscious person in a stabilized position and do not give anything by mouth. Avoid cool. Do not induce vomiting. For spontaneous vomiting, avoid inhalation of vomit.

##### If inhaled

Interrupt the exposure, if the victim is conscious, rinse the oral cavity with water. Secure the supply fresh air or oxygen. If respiratory tract irritation occurs, seek medical attention.

If necessary (respiratory arrest or irregular breathing), perform artificial respiration, not direct word of mouth.

##### If on skin

Remove clothing if contaminated clothing. Wash the affected area thoroughly with lukewarm water. Seek medical attention if irritation symptoms occur.

##### If in eyes

If it has affected contact lenses, remove them if possible. Open wide eyes rinse out of the inner corner of the eye toward the outside of a large amount of clean, lukewarm water, especially the area under the lids. Rinse for at least 15 minutes and seek medical attention.

##### If swallowed

Do not induce vomiting, rinse mouth with water. Drink a glass of water (if the victim is conscious and has no pain), or give activated charcoal in suspension (30 g/250 ml of water). Seek medical attention immediately treatment and present this safety data sheet.

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

##### If inhaled

Inhalation of vapors can cause headaches, fatigue, drowsiness, even narcotic states, irritation mucous membranes and respiratory tract, in some cases even with asthmatic manifestations, in extreme cases up to impaired consciousness or respiratory paralysis. Do not inhale spray or vapors.

##### If on skin

Long-term or repeated exposure may cause skin dryness to dermatitis.

##### If in eyes

Direct eye contact may slightly irritate the eyes (tearing, burning, or inflammation of conjunctivae).

##### If swallowed

Ingestion of liquid into the respiratory system during ingestion or aspiration of vomit during subsequent vomiting may cause bronchopneumonia or pulmonary edema.

#### 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. Always seek medical advice if swallowed. Following ingestion of the mixture, monitoring of the affected person for at least 24 hours is required. Special treatment is required when symptoms reach a certain degree, as indicated in paragraphs 4.1 and 4.2; is symptomatic.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Alcohol resistant foam, multipurpose powders, CO<sub>2</sub>, water mist, shattered water stream.

##### Unsuitable extinguishing media

Full stream of water. Crushed water can be used to cool the containers near the fire.

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

Highly flammable mixture. Incomplete combustion can produce toxic gases (CO<sub>x</sub>, hydrocarbons, aldehydes, etc.). Do not inhale decomposition products. At elevated temperatures, vapors may develop in the packaging and it may tear. The vapors of the mixture are flammable and heavier than air, they accumulate in lower positions, they can spread over considerable distances. Vapors mixed with air may form an explosive mixture. There is a risk of re-ignition.

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### 5.3. Advice for firefighters

Self-contained breathing apparatus and non-flammable emergency suit. Use non-sparking tools. Remove mixture tanks out of reach of fire if you can do so without risk. 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 unauthorized persons from entering, label, secure and isolate leakage area. Ensure adequate ventilation, do not breathe spray mixture or vapors. Remove possible sources of ignition, do not smoke. Avoid contact with skin and eyes - use personal protective equipment.

### 6.2. Environmental precautions

Stop the leak, prevent the spread of the mixture. Secure the area of the leak, prevent leakage into the sewer, soil, surface and underground water by fencing off the location of the leak, covering sewer inlets, etc. In case of a large leak, monitor NPK concentrations or TLV and inform the appropriate state authorities and stream or sewer manager.

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

Provide adequate ventilation, stop leakage. In case of a larger leak, pump out the mixture. In the event of a minor leak, cover with a suitable non-flammable sorbent (sand, diatomaceous earth, earth, vapex, universal sorbent, etc.). Store the used sorbent in a closable waste container, label and dispose of it as hazardous waste. Wash contaminated surfaces. If the package is damaged, transfer it to a replacement package and label it properly again.

### 6.4. Reference to other sections

Recommended personal protective equipment according to section 8. Dispose of unused product according to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Ensure sufficient ventilation of the work area. Avoid contact with open flames and other inflammables resources. Protect eyes and skin, do not inhale the sprayed mixture or vapors, use personal protective equipment aids according to Sect. 8. Do not spray the mixture under high pressure (> 3 bar). Avoid confusion with drinks. Work in a cool, ventilated room, away from heat and ignition sources. Don't smoke. Use it non-explosive electrical equipment. Take precautions against static discharge. Do not use compressed air for filling, emptying or handling. Keep the work area clean and clear. The work area should be equipped with a source of drinking water. Observe the applicable health and safety legislation. Follow the principles of work hygiene with chemicals, do not eat, drink or smoke while working. Wash your hands with warm water before breaks, meals and after work soapy water.

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

Store tightly closed in the original packaging in a dry, well-ventilated place protected from direct sunlight weather effects. Store away from heat sources, protect from direct sunlight, don't smoke Store away from food, drink and feed. Store separately from strong acids and oxidizing agents reagents. The warehouse should be equipped with a source of drinking water and emergency sumps. Follow the directions on the label.

Content	Packaging type	Material of package
25 l	canister	HDPE

### 7.3. Specific end use(s)

not available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

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

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### Czech Republic

### Government Regulation 330/2023 Coll.

Substance name (component)	Type	Value
Ethylbenzene	PEL	200 mg/m <sup>3</sup>
	NPK-P	500 mg/m <sup>3</sup>
Xylene	PEL	200 mg/m <sup>3</sup>
	NPK-P	400 mg/m <sup>3</sup>

### Biological limit values

### European Union

### Workplace exposure limit values (LHE) according to Commission Directive 2000/39/EC, 2006/15/EC, 2009/161/EC and 2017/164/EC:

Name	Parameter	Value	Tested material	Time of sampling
Reaction mixture of ethylbenzene and o,m,p-xylene	Xylen	1400 mg/g of creatinine	Urine	End of exposure or end of shift
		820 µmol/mmol creatinine		
	Ethylbenzene	1500 mg/g of creatinine	Urine	End of exposure or end of shift
		1100 µmol/mmol creatinine		

### DNEL

Reaction mixture of ethylbenzene and o,m,p-xylene					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	221 mg/m <sup>3</sup>	Chronic effects local		
Workers	Inhalation	442 mg/m <sup>3</sup>	Chronic effects local		
Workers	Dermal	212 mg/kg/24h	Chronic effects systemic		

### PNEC

Reaction mixture of ethylbenzene and o,m,p-xylene			
Route of exposure	Value	Value determination	Source
Water (regular leak)	0.327 mg/l		
Marine water	0.327 mg/l		
Freshwater sediment	12.46 mg/kg		
Sea sediments	12.46 mg/kg		
Soil (agricultural)	2.31 mg/kg		
Microorganisms in sewage treatment	6.58 mg/l		

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### 8.2. Exposure controls

Take off contaminated clothing and wash before reuse. Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. If exposure limits cannot be observed in this mode, suitable protection of airways must be used. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

#### Eye/face protection

Tight safety glasses or a face shield.

#### Skin protection

Protective work clothes made of cotton or synthetic material resistant to high temperatures, antistatic. Solvent-resistant clothing. Wash affected skin, stained remove the garment, wash before further use. Protective gloves material for long-term or repeated contact: nitrile rubber > 0.45 mm, penetration time: > 480 min. PVA, fluoridated rubber > 0.45 mm, penetration time: > 480 min. Splash protection: nitrile rubber, neoprene > 0.3 mm, penetration time: > 60 min. Observe the recommended break-in time for the glove material. 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 case of insufficient ventilation or short-term exposure, use a mask with an anti-filter to organic vapors and aerosols, type A2. In the event of an accident or long-term exposure use self-contained breathing apparatus.

#### Thermal hazard

During heating, steam is produced.

#### Environmental exposure controls

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

#### More information

Ensure compliance with governmental regulation 361/2007 Coll., Laying down the conditions for the protection of health at work, as amended, and to fulfill the obligations contained therein.

## SECTION 9: Physical and chemical properties

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

Physical state	liquid
Colour	colourless
Odour	characteristic
Melting point/freezing point	-95--13 °C
Boiling point or initial boiling point and boiling range	137-143 °C
Flammability	Flammable Class II.
Lower and upper explosion limit	
bottom	1 %
upper	8 %
Flash point	18-32 °C
Auto-ignition temperature	420-595 °C
Decomposition temperature	data not available
pH	data not available
Kinematic viscosity	data not available
Solubility in water	175-200 mg/ml
Partition coefficient n-octanol/water (log value)	3.12-3.2
Vapour pressure	8.21 hPa at 20 °C
Density and/or relative density	
Density	0.86 g/cm <sup>3</sup> at 20 °C
Relative vapour density	data not available
Particle characteristics	data not available

### 9.2. Other information

Appearance	liquid
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Oxidising properties	The mixture is not classified as an oxidant
Explosive properties	Solvent vapors can form an explosive mixture when mixed with air.
Content of organic solvents (VOC)	100%
Dynamic viscosity (at 25 °C): 0.581 – 0.76 mPa.s (xylene)	

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

If the recommended method of use is observed, the mixture does not show dangerous reactions. The mixture is flammable, may form an explosive mixture when heated in a mixture with air.

#### 10.2. Chemical stability

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

#### 10.3. Possibility of hazardous reactions

In contact with strong acids, bases or oxidizing agents, exothermic reactions may occur reaction. Solvent vapors are heavier than air, they accumulate mainly in lower positions, in the mixture can form an explosive mixture with air. There is a risk of re-ignition.

#### 10.4. Conditions to avoid

Elevated temperatures, contact with open flames, possible sources of ignition and hot surfaces, sparks, static electricity. Avoid creating vapor concentrations within explosive limits.

#### 10.5. Incompatible materials

Strong acids and bases, oxidizing agents. The mixture destroys rubber, various plastics, coatings.

#### 10.6. Hazardous decomposition products

Under normal conditions, the mixture is not decomposed. Incomplete combustion or thermal decomposition produces toxic products of combustion (COx, NOx, 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 classified as acutely toxic, category 4, by inhalation and by skin contact.

Reaction mixture of ethylbenzene and o,m,p-xylene					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD <sub>50</sub>	3523 mg/kg		Rat (Rattus norvegicus)	
Dermal	LD <sub>50</sub>	>5000 mg/kg		Rabbit	
Inhalation	LC <sub>50</sub>	6350-6700 ppm	4 hours	Rat (Rattus norvegicus)	

#### Skin corrosion/irritation

The mixture is classified as skin irritant, category 2. Irritating to skin. Long-term or repeated contact with the skin can dry out the skin and cause cracking or even dermatitis.

#### Serious eye damage/irritation

The mixture is classified as eye irritant, category 2. May cause serious eye irritation.

#### Respiratory or skin sensitisation

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

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**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. May cause respiratory irritation.

**Toxicity for specific target organ - repeated exposure**

The mixture is classified as toxic to specific target organs after repeated exposure, category 2. At long-term or repeated exposure may cause damage to the central nervous system (pain headaches, drowsiness), digestive problems (loss of appetite, vomiting), feeling of inner restlessness. In case of long-term or repeated exposure to ethylbenzene can cause damage/loss of hearing (ototoxicity).

**Aspiration hazard**

The mixture is classified as toxic by inhalation, category 1. If swallowed and enters the respiratory tract can cause death.

**11.2. Information on other hazards**

It does not contain substances causing disruption of the endocrine system. Inhalation of vapors can cause headaches, fatigue, drowsiness, even narcotic states, irritation mucous membranes and respiratory tract, in some cases even with asthmatic manifestations, in extreme cases up to impaired consciousness or respiratory paralysis. Do not inhale spray or vapors. It irritates the skin (redness, burning, dermatitis) and eyes (watering, burning, itching). It may appear when liquid is ingested digestive tract irritation and nausea. If liquid is swallowed and enters the lungs or if vomit is inhaled may cause pulmonary edema.

**SECTION 12: Ecological information**

**12.1. Toxicity**

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

**Acute toxicity**

Reaction mixture of ethylbenzene and o,m,p-xylene				
Parameter	Value	Exposure time	Species	Environment
LC <sub>50</sub>	86-308 mg/l	48 hours	Fish (Leuciscus idus)	
LC <sub>50</sub>	2.6 mg/l	96 hours	Fish (Poecilia reticulata)	
EC <sub>50</sub>	75.49 mg/l	24 hours	Invertebrates (Daphnia magna)	
EC <sub>50</sub>	72 mg/l	14 days	Algae (Pseudokirchneriella subcapitata)	

**Chronic toxicity**

Reaction mixture of ethylbenzene and o,m,p-xylene				
Parameter	Value	Exposure time	Species	Environment
NOEC	>1.3 mg/l	56 days	Fish (Oncorhynchus mykiss)	



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Reaction mixture of ethylbenzene and o,m,p-xylene				
Parameter	Value	Exposure time	Species	Environment
NOEC	0.96-1.17 mg/l	7 days	Invertebrates (Ceriodaphnia dubia)	

### 12.2. Persistence and degradability

Xylene: Biochemical oxygen demand (BOD): o-xylene = 57%

m-xylene = 80%

p-xylene = 74%

Ethylbenzene = 29%

### 12.3. Bioaccumulative potential

Not determined, bioaccumulation is unlikely.

### 12.4. Mobility in soil

The mixture evaporates easily (evaporation half-time 99 hours).

### 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

Prevent the mixture from leaking into the soil, ground or surface water or sewerage. Follow the usual environmental protection measures environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Dispose of as hazardous waste, hand over to authorized person for disposal (eg disposal in hazardous waste incinerator). Dispose of packaging and packaging residues in accordance with local waste disposal regulations. Do not dispose of with household waste. Do not empty into drains. Uncontaminated or thoroughly cleaned packaging can be handed over for recycling.

#### Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

#### Waste type code

14 06 03\* other solvents and solvent mixtures

#### Packaging waste type code

15 01 10\* packaging containing residues of or contaminated by hazardous substances

15 01 02 plastic packaging

(\* ) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

## SECTION 14: Transport information

### 14.1. UN number or ID number

UN 1307

### 14.2. UN proper shipping name

XYLENES

### 14.3. Transport hazard class(es)

3 Flammable liquids

### 14.4. Packing group

III

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**14.5. Environmental hazards**

No

**14.6. Special precautions for user**



Transport in packages that match the properties of the mixture. Observe the prescribed marking for cargo.

**14.7. Maritime transport in bulk according to IMO instruments**

Can not be used.

**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	
Classification code	F1
Safety signs	3



Tunnel restriction code (D/E)

**Air transport - ICAO/IATA**

Packaging instructions passenger	355
Cargo packaging instructions	366

**Marine transport - IMDG**

EmS (emergency plan)	F-E, S-D
Marine pollutant	Yes

**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 ammended. 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.

**Additional information in accordance with Regulation (EC) no. 648/2004 on detergents, as amended**

>=30 % aromatic hydrocarbons

**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**

H226	Flammable liquid and vapour.
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H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H312+H332	Harmful in contact with skin or if inhaled.

### 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.
P261	Avoid breathing mist/vapours.
P280	Wear protective gloves/protective clothing/eye protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): 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.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.

### Other important information about human health protection

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
NOEC	No observed effect concentration
NPK	Maximum admissible concentration
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
PEL	Permissible Exposure Limit

# 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, Authorisation and Restriction of Chemicals (REACH) .

## TECHNOX L

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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

Acute Tox.	Acute toxicity
Asp. Tox.	Aspiration hazard
Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquid
Skin Irrit.	Skin irritation
STOT RE	Specific target organ toxicity - repeated exposure
STOT SE	Specific target organ toxicity - single exposure

### Training guidelines

According to § 103 and § 104 of Act No. 262/2006 Coll., The Labor Code, as amended.

### Recommended restrictions of use

The mixture should not be used for any purpose other than that for which it is intended (see point 1.2). Because the specific conditions of use of the substance are beyond the control of the supplier, 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.

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

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. First aid principles after the exposure to the chemicals (Zásady pro poskytování první pomoci při expozici chemickým látkám, doc. MUDr. Daniela Pelclová, CSc., MUDr. Alexandr Fuchs, CSc., MUDr. Miroslava Hornychová, CSc., MUDr. Zdeňka Trávníčková, CSc., Jiřina Fridrichovská, prom. chem.). Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

### 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.

### 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.