

SAFETY DATA SHEET

Date of update: 05.01.2022

LAAV

TEXTILE CLEANER

VERSION: 1.0/EN

drawn up in accordance with Commission Regulation (EU) No 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)

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

1.1 **Product identifier**
TEXTILE CLEANER

1.1 **Relevant identified uses of the substance or mixture and uses advised against**

Identified uses: Washing agent for manual and machine washing of all textile surfaces.

SU 21 Consumer applications.

SU 22 Professional applications.

PC35 Washing and cleaning products (including solvent based products)

Uses advised against: No uses advised against.

1.2 **Details of the supplier of the safety data sheet**

CSG Cleaning Solutions Sp. z o.o.

AL. Armii Krajowej 178

EN 43-300 Bielsko-Biała

Tel: 33 47 11 174

www.laav.eu

1.3 **Emergency telephone number**

Emergency telephone number in Poland (open 8:00 - 16:00): +48 608 47 47 45

112 (emergency telephone), 998 (fire brigade), 999 (ambulance service)

2 SECTION 2: HAZARDS IDENTIFICATION

1.4 **Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008:

Hazards due to physicochemical properties:

The mixture is not classified as hazardous in terms of physicochemical properties.

Health hazards

The mixture is not classified as hazardous to health.

Environmental hazards:

The mixture is not hazardous for the environment. Under normal conditions of use, no effects on the environment are known or anticipated.

2.1 **Elements of marking**

Pictogram

The following shall not apply

Watchword:

A warning slogan shall not be used

Hazard statement(s) (H)

The following shall not apply

Precautionary statement(s)

P102 Keep out of the reach of children.

Supplementary labelling elements

Composition according to Regulation 648/2004/EC

Contains: <5 non-ionic surfactants, <5% phosphonates, <5% phosphates, dye

1.5 **Other hazards**

The mixture does not contain 'Substances of Very High Concern (SVHC) present on the list published by the European Chemicals Agency (ECHA) in accordance with Article 57 of REACH: <http://echa.europa.eu/pl/candidate-list-table>; The mixture does not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation (EC) No 1907/2006.

PBT substances (persistent, bioaccumulative and toxic)

vPvB substances (very persistent and very bioaccumulative)

The ingredients of the mixture are not included in the list established in accordance with Article 59(1) as having endocrine disrupting properties or endocrine disrupting properties in accordance with the criteria laid down in Regulation

2 SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

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2.1 **Substance:**
Not applicable

2.2 **Mixture**

Identification numbers	Chemical name	mass fraction in %	Classification according to Regulation (EC) No 1272/2008		
			Pictogram, signal word codes	Hazard class and category codes	Hazard statement codes
CAS: 111-76-2 EC (EINECS): 203-905-0 Index number: 603-014-00-0 Registration number: 012119475108-36-xxxx	<u>2-butoxyethanol [1,2]</u>	<1	GHS07 Dgr	Acute Tox. 4 Acute Tox. 4 Acute Tox. 4 Eye Irrit. 2 Skin Irrit. 2	H332 H312 H302 H319 H315
CAS: 141-43-5 EC (EINECS): 205-483-3 Index number 603-030-00-8 Registration number: 01-2119486455-28-xxxx	<u>2-aminoethanol [1,2]</u>	<0.2	GHS05 GHS07 Dgr	Acute Tox. 4 Acute Tox. 4 Acute Tox. 4 Skin Corr. 1B <u>Specific concentration limits:</u> <u>STOT SE 3; H335: C ≥ 5 %</u>	H332 H312 H302 H314
CAS: 67-63-0 EC (EINECS): 200-661-7 Index number 603-117-00-0 Registration number: 01-2119457558-25-xxxx	<u>Propan-2-ol [1]</u>	<0.2	GHS02 GHS07 Wng	Flam. Liq. 2 Eye Irrit. 2 STOT SE 3	H225 H319 H336

[1] substance with a nationally defined occupational exposure limit value

[2] substance with a European Union level occupational exposure limit value

For the full wording of the H statements, see section 16 of the Safety Data Sheet.

3 SECTION 4: FIRST AID MEASURES

3.1 Description of first aid measures

Inhalation: Remove or carry the affected person from the place of exposure, place in a comfortable semi-reclining or sitting position, ensure calmness, protect from loss of heat. Control breathing of the victim - if necessary (no breathing) apply artificial respiration and provide medical assistance.

Skin contact: Remove contaminated clothing and wash skin profusely with lukewarm running water.

Eye contact: Rinse with plenty of cool water, preferably running, for at least 15 minutes. Remove contact lenses. Avoid strong jets of water due to risk of mechanical damage to cornea. If irritation persists, consult an ophthalmologist.

Gastrointestinal tract: Get medical attention. DO NOT induce vomiting without medical advice. Rinse mouth with plenty of water. Call a physician.

3.2 Most important symptoms and effects, both acute and delayed

No known adverse effects during the intended use of the product

3.3 Indication of any immediate medical attention and special treatment needed

Show the safety data sheet or label/package to the responding medical personnel. Treat symptomatically.

4 SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

Foam, carbon dioxide, extinguishing powders, water - dispersed currents.

Unsuitable extinguishing media:

Do not use dense jets of water

5.2 Special hazards arising from the substance or mixture

During combustion toxic combustion products may be formed, including carbon oxides and other unidentified thermal decomposition products.

5.3 Information for fire brigades

Wear gas-tight protective clothing and breathing apparatus that is independent of the ambient air. Cool non-fire exposed containers with water spray, if possible remove from danger area.

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5 SECTION 6: ACCIDENTAL RELEASE MEASURES RELEASES TO THE ENVIRONMENT

2.3 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:

Restrict access of bystanders to the accident area until adequate clean-up operations have been completed. In case of large releases isolate the affected area. Do not inhale vapours. Use personal protective equipment. Remove source of ignition. Avoid contact with skin and eyes.

For those providing assistance:

Ensure that only trained personnel carry out the removal of faults and their consequences. Use personal protective equipment.

2.4 Environmental precautions

If larger quantities are released, take steps to prevent dispersal into the environment. Notify the relevant emergency services

2.5 Methods and material for containment and cleaning up

Small spillages: Collect with mop, paper towel and place in waste containers

Large spill: Absorb with liquid-absorbing material (e.g. sand, earth, universal binders, silica, etc.) and place in waste container. Do not mix with other waste. Treat collected material as waste. Clean and well-ventilate the contaminated area.

2.6 References to other sections

Personal protective equipment in Section 8.

Dispose of as recommended in Section 13.

6 SECTION 7: HANDLING AND USE OF SUBSTANCES AND MIXTURES STORAGE

2.7 Precautions for safe handling

Follow good occupational hygiene and safety practices. Ensure the room is well ventilated. Wash hands thoroughly before breaks and after work. Avoid contact with skin and eyes

2.8 Conditions for safe storage, including any incompatibilities

Store only in a cool and well-ventilated place. Temperature range: 0 to 40°C (Do not store together with food, foodstuffs and animal feeding stuffs. Avoid direct sunlight, heat and ignition sources. Do not store together with incompatible substances (see section 10). Seal packaging that has already been opened and store upright to prevent leakage.

2.9 Specific end use(s)

See Section 1.2 SDS

No information on other uses.

7 SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

7.1 Control parameters

EN

EN:2-Butoxyethanol [111-76-2]	
NDS	98 mg/m ³
NDSCh	200 mg/m ³
EN: 2-Aminoethanol [141-43-5].	
NDS	2.5 mg/m ³
NDSCh	7.5mg/m ³
EN:Propan-2-ol [67-63-0].	
NDS	900 mg/m ³
NDSCh	1200 mg/m ³

Legal basis:

Ordinance of the Minister of Family, Labour and Social Policy of 12 June 2018 on the maximum permissible concentrations and intensities of harmful factors for health in the working environment Dz.U.2018.1286 of 2018.07.03 **as amended**[Dz.U.2020.61, dated 17.01.2020]

Ordinance of the Minister of Development, Labour and Technology of 18 February 2021 amending the Ordinance on the maximum permissible concentrations and intensities of factors harmful to health in the working environment [Journal of Laws 2021, item 325].

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Ordinance of the Minister of Health of 2 February 2011 on tests and measurements of factors harmful to health in the workplace (Dz. U. No. 33, item 166, 2011).

Regulation of the Minister of Health of 30 December 2004 on health and safety at work related to the presence of chemical agents at the workplace (Journal of Laws No 11, item 86,2005). **Consolidated text: Dz.U. 2016 pos. 1488**

European Union

EU. 2-Butoxyethanol [111-76-2] Leather			
TWA (8h)		STEL (15 minutes)	
mg/m ³	ppm	mg/m ³	ppm
98	20	246	50

2-Aminoethanol [141-43-5].			
TWA (8h)		STEL (15 minutes)	
mg/m ³	ppm	mg/m ³	ppm
2,5	1	7,6	3

Legal basis:

COMMISSION DIRECTIVE 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC. COMMISSION DIRECTIVE 2004/37/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 29 April 2004 on the protection of workers from the risks related to exposure to carcinogens or mutagens at work (Sixth individual Directive within the meaning of Article 16(1) of Council Directive 89/391/EEC) COMMISSION DIRECTIVE 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC. COMMISSION DIRECTIVE (EU) 2017/164 of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU

DNEL and PNEC:

2-butoxyethanol (butylglycol) [111-76-2].	
DNEL Employee	
Acute toxicity by inhalation (systemic effects)	663 mg/m ³
Chronic toxicity by inhalation (systemic effects)	98 mg/m ³
Acute dermal toxicity (systemic effects)	89 mg/kg
Chronic skin toxicity (systemic effects)	75 mg/kg
DNEL Consumer	
Acute oral toxicity (systemic effects)	13.4 mg/kg
Chronic oral toxicity (systemic effects)	3.2 mg/kg
Acute toxicity by inhalation (systemic effects)	426 mg/m ³
Chronic toxicity by inhalation (systemic effects)	49 mg/m ³
Acute dermal toxicity (systemic effects)	44.5 mg/kg
Chronic skin toxicity (systemic effects)	38 mg/kg
PNEC	
PNEC value Fresh water	8.8 mg/dm ³
PNEC value Seawater	8.8 mg/dm ³
PNEC value Sediment (freshwater)	8.14 mg/kg
PNEC value Sediment (marine)	-----
PNEC value Soil	2.8 mg/kg

2-aminoethanol [141-43-5].	
DNEL employee:	
Skin Long term exposure (systemic effect):	1 mg/kg
Inhalation Long term exposure (systemic and local effects):	3.3 mg/m ³
DNEL Consumers	
Skin Long term exposure (systemic effect):	0.24 mg/kg
Inhalation Long term exposure (systemic and local effects):	2 mg/m ³
PNEC	
Fresh water	0.085 mg/l
Sea water:	0.0085 mg/l
Occasional release:	0.025 mg/l
Sediment (fresh water):	0,425 mg/kg

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Sediment (Sea water):	0.0425 mg/kg
Soil:	0.035 mg/kg
STP:	100 mg/l

Propan-2-ol [67-63-0].	
DNEL workers	
Skin - prolonged exposure	888 mg/kg bw/day
Inhalation prolonged exposure	500 mg/m ³
DNEL Consumers	
Skin - prolonged exposure	319 mg/kg body weight/day
Inhalation prolonged exposure	89 mg/m ³
After ingestion long-term exposure	26 mg/kg body weight/day
PNEC	
PNEC value Fresh water	140.9 mg/l
PNEC value Seawater	140.9 mg/l
PNEC value Sediment (freshwater)	552 mg/kg
PNEC value Sediment (marine)	552 mg/kg
PNEC value Soil	28 mg/kg

Recommended monitoring procedures

Procedures of monitoring concentrations of hazardous components in the air and procedures of control of air cleanliness in the workplace should be applied - if they are available and justified for the given position - in accordance with relevant Polish or European Standards, taking into account the conditions prevailing in the place of exposure and appropriate measurement methodology adapted to working conditions. The mode, type and frequency of tests and measurements should meet the requirements included in the Ordinance of the Ministry of Health of 2 February 2011. (Journal of Laws 2011 No. 33, item 166).

2.10 Exposure controls

Local exhaust ventilation and general ventilation of the room are necessary during the production process

2.10.1 Individual protection measures, such as personal protective equipment

When the concentration of the substance causing danger is established and known, the selection of personal protective equipment should be made taking into account the concentration of the substance in the work place, the exposure time, the activities carried out by the worker and the recommendations given by the manufacturer of the personal protective equipment. In case of emergency or when the concentration of the substance in the workplace is not known, use personal protective equipment isolating the body (gas-tight suit combined with isolating respiratory protective equipment).

Respiratory tract: Not necessary under normal conditions with sufficient ventilation, required when exposed to high concentrations of product vapours. Respiratory protective devices must be used in accordance with the provisions of the respiratory protection program to ensure proper fit, training and other important aspects of their use.

Hands and skin: Use product-resistant protective gloves for prolonged or repeated exposure. In case of short contact use protective gloves with performance level ≥ 2 (breakthrough time > 30 min.). In case of longer contact use protective gloves with performance level 6 (breakthrough time > 480 min.).

The permeation time should be obtained from the glove manufacturer and must be observed. It is recommended to change gloves regularly and to replace them immediately if there are any signs of wear, damage (tears, perforations) or changes in appearance (colour, elasticity, shape).

Eyes: Use safety glasses if there is a risk of eye contamination.

Industrial hygiene: General industrial hygiene regulations apply. Remove contaminated clothing at the end of work. Wash hands and face before breaks. Wash the whole body thoroughly after work. Do not eat, drink or smoke while working.

2.10.2 Environmental exposure controls

Prevent discharge into the municipal water and sewerage system and watercourses. Any emissions from ventilation systems and process equipment should be checked to determine their compliance with the requirements of environmental legislation.

8 SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

8.1 Information on basic physical and chemical properties

State of aggregation:

Liquid

Colour:

Clear

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Scent:		Characteristic
Melting point/freezing point:	< 0C°	
Initial boiling point	< 70° C	
Flammability of materials :		No data available
Lower and upper explosive limit:		No data available
Flash point:		No data available
Auto-ignition temperature [of gases, liquids]:		No data available
Decomposition temperature:		No data available
pH:		No data available
Kinetic viscosity [mm/s ²]:		No data available
Solubility:		Soluble in water
Partition coefficient: n-octanol/water:		No data available
Vapour pressure:		No data available
Relative density		0.95 g/cm
Relative vapour density:		No data available
Particle characterisation [solid]:		Not applicable [liquid].

2.11 Other information

2.11.1 Information on physical risk classes

No information relevant to the safe use of the product.

2.11.2 Other safety features

No information relevant to the safe use of the product.

9 SECTION 10: STABILITY AND REACTIVITY

2.12 Reactivity

Under storage and handling conditions - no reactivity.

2.13 Chemical stability

The product is stable under normal conditions of use and storage.

2.14 Possibility of hazardous reactions

No dangerous reactions expected

2.15 Conditions to be avoided

High temperatures, open flame and other sources of ignition.

2.16 Incompatible materials

Strong acids, oxidising substances

2.17 Hazardous decomposition products

Depending on decomposition conditions, complex mixtures of chemicals may be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds. For more information see section 5

10 SECTION 11: TOXICOLOGICAL INFORMATION

2.18 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicity of components in the mixture

2-aminoethanol

LD50 1515 mg/kg (oral route, rat)

LC50 >1,3 mg/l 6h (IRT) (rat, inhalation)

2-butoxyethanol

LD50 orally (Rat): - >200-2000 mg/kg

LD50 dermal (Rat): >400-2000 mg/kg

LC50 by inhalation (Rat): >2-20mg/l/4h.

Propane-2-ol

LD50 Dermal Rat >2000 mg/kg

LD50 Oral route Rat >2000 mg/kg

Acute toxicity estimation of the mixture

ATE MIX orally (mg/kg): >2,000.0 [Estimated value].

ATE MIX Dermal (mg/kg): >2,000.0 [Estimated value].

ATE MIX inhalation (mg/l/4h): >20 [Estimated value].

Based on available data, the classification criteria are not met

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The acute toxicity of the mixture (ATEmix) has been calculated on the basis of the appropriate conversion factor given in Table 3.1.2 of Annex I of the CLP Regulation as amended.

Based on available data, the classification criteria are not met

Skin corrosion/irritation:

Based on available data, the classification criteria are not met

Serious eye damage/irritation

Based on available data, the classification criteria are not met

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met

Carcinogenicity:

IARC: No ingredient in this product present above 0.1% has been identified by IARC as a probable, possible or proven human carcinogen.

Reproductive toxicity:

Based on available data, the classification criteria are not met

Germ cell mutagenicity:

Based on available data, the classification criteria are not met

Specific target organ toxicity – single exposure:

Based on available data, the classification criteria are not met

Specific target organ toxicity – repeated exposure:

Based on available data, the classification criteria are not met

Aspiration hazard:

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

2.19 Information on other hazards

Endocrine disrupting properties:

The substance has no effects on the functioning of the endocrine system according to the assessment criteria of the Regulations: (EC) No 1907/2006, (EU) 2017/2100, (EU) 2018/605

Other information:

Not known

11 SECTION 12: ECOLOGICAL INFORMATION

11.1 Toxicity

Toxicity of components in the mixture

2-aminoethanol

LC50 (96 h) 349 mg/l, fish, Cyprinus carpio

LC50 (96 h) 170 mg/l, Carassius auratus

EC50 (48 h) 65 mg/l, Daphnia magna (

EC50 (72 h) 2.5 mg/l (growth stage), Selenastrum capricornutum

EC50 (72 h) 22 mg/l (growth stage), Scenedesmus subspicatus.

2-butoxyethanol

LC50 fish >100 mg/l/96 h (Lepomis macrochirus)

EC50 > 100 mg/l/24h (Daphnia magna)

EC50 algae > 100 mg/l/7 days (Desmodesmus subspicatus)

NOEC (21 d)fish > 100 mg/l, Brachydanio rerio

Propane-2-ol

LC50 Fish 9640 mg/l /96 h/: Pimephales promelas

EC50 Daphnia13299 mg/l /48 h/ Daphnia magna

EC50 other aquatic organisms:> 1000 mg/l/96 h/ Desmodesmus subspicatus

LC50 Fish11130 mg/l /96 h/ Pimephales promelas

EC50 other aquatic organisms> 1000 mg/l /72 h/ Desmodesmus subspicatus

Toxicity of the mixture

The product is not classified as hazardous to the environment.

To minimise long-term global pollution, consider:

- Reduce the use of disposable products and packaging.
- Participation in recycling activities

2.20 Persistence and degradability

The surfactants used in the product meet the requirements of biodegradability in accordance with EC Regulation 648/2004

2.21 Bioaccumulative potential

Not determined for the mixture.

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2.22 Mobility in soil

Soluble in water in any proportion

The mobility of substances depends on their hydrophilic and hydrophobic properties and the abiotic and biotic conditions of the soil, including its structure, climatic conditions, season (in Poland, temperate variable climate) and soil organisms, mainly (bacteria, fungi, algae, invertebrates).

2.23 Results of PBT and vPvB assessment

Does not meet PBT and vPvB criteria

2.24 Endocrine disrupting properties

Does not contain substances with possible adverse effects on the environment due to endocrine disrupting properties in accordance with the criteria laid down in Regulations [(EC) No 1907/2006, (EU) 2017/2100, (EU) 2018/605]

2.25 Other adverse effects

Other adverse effects: the mixture may cause a change in the pH of water. The mixture is not classified as hazardous to the ozone layer. The possibility of other harmful effects of individual components of the mixture on the environment (e.g. ability to disrupt the hormonal economy, influence on the increase of global warming) should be considered.

12 SECTION 13: HANDLING OF WASTE

12.1 Waste disposal methods

Recommendations for the mixture: Dispose of in accordance with valid regulations. Dispose of residues in original containers. **The waste code should be assigned at the place of its production.**

Recommendations concerning used packaging: The recovery / recycling / disposal of packaging waste should be carried out in accordance with current legislation. Only completely emptied packaging may be recycled

Legal basis:

Act of 14 December 2012 on waste (Journal of Laws No. 0, item.21) **Consolidated text Dz.U. 2021 pos. 779**

Act of 12 October 2017 on amending the Act on packaging and packaging waste management and some other acts Journal of Laws. 2017 pos. 2056 **Consolidated text Dz.U. 2020 pos. 1114**

Regulation of the Minister of Climate of 2 January 2020 on the catalogue of waste **Dz.U. 2020 item 10**

13 SECTION 14: TRANSPORT INFORMATION

2.26 UN number or ID number

The product is not subject to the regulations on the carriage of dangerous goods contained in ADR (road transport), RID (rail transport), IMG (sea transport), ICAO/IATA (air transport).

2.27 UN proper shipping name

Not applicable

2.28 Transport hazard class(es)

Not applicable

2.29 Packing group

Not applicable

2.30 Environmental hazards

The product does not present an environmental hazard according to the criteria of the UN Model Regulations.

2.31 Special precautions for users

No special precautions.

13.1 Sea transport in bulk according to IMO instructions

Not applicable.

14 SECTION 15: REGULATORY INFORMATION

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

1. **1907/2006/EC** Regulation concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and No 1488/94 as well as Council Directive 76/769/EEC and Commission Directive 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

2. **1272/2008/EC** Regulation of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

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3. **2008/98/EC** Directive of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives
4. **94/62/EC** European Parliament and Council Directive of 20 December 1994 on packaging and packaging waste.
5. **648/2004/EC** Regulation of the European Parliament and of the Council of 31 March 2004 on detergents
6. Act of 28 May 2020 on amending the Act on chemical substances and their mixtures and some other acts **Dz.U. 2020 item 1337**
7. Act on the carriage of dangerous goods of 19 August 2011 (DZ.U. 227; item 1367) **Consolidated text OJ. 2018 pos. 169**
8. Government Statement of 15 February 2021 on the entry into force of the amendments to Annexes A and B to the European Agreement concerning the international carriage of dangerous goods by road (ADR), done at Geneva on 30 September 1957. (Journal of Laws 2021, item 874)
9. Ordinance of the Minister of Family, Labour and Social Policy of 12 June 2018 on the maximum permissible concentrations and intensities of harmful factors for health in the working environment Dz.U.2018.1286 of 2018.07.03 **as amended** [Dz.U.2020.61, dated 17.01.2020]
10. Act of 14 December 2012 on waste (Journal of Laws No. 0, item 21) **Consolidated text Dz.U. 2021 item 779**
11. Act of 12 October 2017 on amending the Act on packaging and packaging waste management and some other acts Journal of Laws. 2017 pos. 2056 **Consolidated text Dz.U. 2020 pos. 1114**
12. Regulation of the Minister of Climate of 2 January 2020 on the catalogue of waste **Dz.U. 2020 item 10**
- 14.2 **Chemical safety assessment**
Chemical safety assessment has not been carried out by the supplier. A safety report is not required for the mixture.

15 SECTION 16: OTHER INFORMATION

Other data sources:

IUCLID Data Bank (European Commission - European Chemicals Bureau).

ESIS - European Chemical Substances Information System (European Chemicals Bureau).

Card issued by: Małgorzata Krenke [Based on supplier's safety data sheet; Calculation method].

Feed Reach Consulting; E-mail: biuro@frc.com.pl

The above information is based on currently available data on the product and the manufacturer's experience and knowledge in this field. The data contained in the Safety Data Sheet should be considered solely as an aid to safe handling during transport, distribution, use and storage. It is not a certificate of product quality. The information contained in the Safety Data Sheet relates solely to the title product and cannot be valid or sufficient for this product when used in combination with other materials or for different applications. The user of the product is obliged to adhere to all applicable standards and regulations and shall be liable for any damage resulting from improper use of the information contained in the Charter or from improper application of the product

Classification and procedures used to classify the mixture according to Regulation (EC) 1272/2008 [CLP]

Unclassified	-----	-----
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H (hazard) phrases used in section 2 and 3 of the safety data sheet:

H332	Harmful if inhaled.
Acute Tox4	Acute toxicity, inhalation Hazard category 4
H312	Harmful in contact with skin.
Acute Tox 4	Acute toxicity, dermal Hazard category 4
H302	Harmful if swallowed
Acute Tox 4	Acute toxicity (oral), hazard category 4
H315	Irritating to skin;
Skin Irrit. 2	Skin irritation Hazard category 2
H319	Irritating to eyes.
Eye Irrit. 2	Eye irritation Hazard category 2
H314	Causes severe skin burns and eye damage;
Skin Corr. 1AB	Skin corrosion/irritation, Hazard category 1, subcategories 1B
H225	Highly flammable liquid and vapour
Flam. Liq. 2	Flammable liquid Category 2
H336	May cause drowsiness or dizziness.

SAFETY DATA SHEET

Date of update: 05.01.2022

LAUV

TEXTILE CLEANER


VERSION: 1.0/EN

drawn up in accordance with Commission Regulation (EU) No 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)

STOT SE 3	Specific target organ toxicity - after single exposure Hazard category 3.
H335	May cause respiratory irritation
STOT SE 3	Specific target organ toxicity - after single exposure Hazard category 3.

Explanation of abbreviations and acronyms

CEN	European Committee for Standardisation
C&L	Classification and labelling
CLP	Regulation on classification, labelling and packaging; Regulation (EC) No 1272/2008
CAS	Chemical Abstract Service Number
COM	European Commission
CMR	Carcinogen, mutagen or toxic for reproduction
CSA	Chemical safety assessment
CSR C	Chemical Safety Report
DMEL	Derivative level causing minimal change
DNEL	Derived no change level
DPD	Dangerous Preparations Directive 1999/45/EEC
DSD	Dangerous Substances Directive 67/548/EEC
EC	European Commission
EC ₅₀	Average effective concentration
ECB	Chemicals Bureau
ECHA	European Chemicals Agency
EC	EINECS and ELINCS number (see also EINECS and ELINCS)
EINECS	European list of existing substances of commercial interest
ELINCS	European List of Notified Chemical Substances
EN	European standard
EU	European Union
GHS	Globally Harmonised System of Classification and Labelling of Chemicals
IC ₅₀	Concentration causing 50 per cent inhibition of the parameter concerned
IUCLID	International Uniform Chemicals Database
IUPAC	International Union of Pure and Applied Chemistry
LC ₅₀	Average lethal concentration
LD ₅₀	Average lethal dose
MSDS	Safety data sheet
PBT	Persistent, bioaccumulative and toxic
PEC	Predicted environmental concentrations
PNEC(s)	Predicted no-effect concentration in the environment
PPE	Personal protective equipment
REACH	Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals
SDS	Safety data sheet
SIEF	Substance Information Exchange Forum
STOT	Toxic effects on target organs
(STOT) RE	Repeated exposure
(STOT) SE	One-time exposure
SVHC	Substances of very high concern
vPvB	[Substances] very persistent and very bioaccumulative
UN number	Material identification number according to the ADR-agreement.
ADR	International Convention on the carriage of dangerous goods and loads by road
RID	Regulations concerning the international carriage of dangerous goods by rail).
IMGD	International Dangerous Goods Code.
IATA	International Air Transport Association
ICAO	International Civil Aviation Organisation
MARPOL	International Convention for the Prevention of Pollution from Ships (MARPOL)
Ems	Emergency response procedures for ships carrying dangerous goods

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Before handling the product, the user should be acquainted with the safety rules regarding the handling of chemicals and, in particular, should receive adequate training on the job