

SAFETY DATA SHEET

Date of update: 05.01.2022

LAAV

LAAV TEXTILE CLEANER

VERSION: 1.0/EN

drawn up in accordance with Commission Regulation (EU) No 2020/878 of 18 June 2020 amending Ym 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 SUBSTANCE/MIXTURE AND COMPANY IDENTIFICATION

1.1 Product ID

LAAV TEXTILE CLEANER

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

Identified uses: Hand and machine cleaner of all textile surfaces.

SU 21 Consumer Applications.

SU 22 Professional Applications.

PC35 Cleaning and cleaning agents (including solvent-based products)

Applications discouraged: No discouraged uses.

1.3 Datasheet supplier details

CSG Cleaning Solutions Sp. z o.o.

Ul. Komorowicka 39-41

PL 43-300 Bielsko-Biala

Phone: 33 47 11 174

www.laav.eu; mail: contact@laav.eu

1.4 Emergency phone number

Emergency telephone number in Poland (open from 8:00 a.m. to 1 a.m.6:00 a.m.): +48 608 47 47 45

112 (emergency phone), 998 (fire brigade), 999 (medical emergency)

2 SECTION 2:HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008:

Hazards due to physicochemical properties:

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

Health risks

The mixture is not classified as hazardous to health.

Environmental hazards:

The mixture does not pose a threat to the environment. Under normal conditions of use, no effects on the environment are known or expected.

2.2 Label elements

Pictogram

Not applicable

Signal word:

No warning password shall be used

Hazard statement(s)

Not applicable

Precautionary statement(s)

P102 Keep out of reach of children

Complementary label elements

Warehouse in accordance with Regulation 648/2004/EC

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

2.3 Other threats

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

PBT substances (persistent, bioaccumulative and toxic substances)

vPvB substances (very persistent and very bioaccumulative substances)

The ingredients of the mixture are not listed in accordance with Article 59(1) as having endocrine disrupting properties and endocrine disrupting properties in accordance with the criteria set out in the Regulation

SAFETY DATA SHEET

LAHV

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3 SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Substance:**
Not applicable

3.2 **Mixture**

Identification numbers	Chemical name	Ul. mass in %	Classification in accordance with Regulation (EC) No 1272/2008		
			Pictogram, signal code	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</u> [1,2]	<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</u> [1,2]	<0.2	GHS05 GHS07 Dgr	Acute Tox. 4 Acute Tox. 4 Acute Tox. 4 Skin Corr. 1B <u>Specific concentration limit:</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</u> [1]	<0.2	GHS02 GHS07 Hag	Flam. Liq. 2 Eye Irrit. 2 STOT SE 3	H225 H319 H336

[1] substance with a nationally defined occupational exposure limit

[2] substance with a Union occupational exposure limit

The full wording of H-phrases is given in point 16. Safety data sheets.

4 SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation: Lead or remove the injured person from the exposure area, put in a comfortable semi-reclining or sitting position, provide calm, protect against heat loss. Control the breathing of the victim – in case of such a need (lack of breath), use artificial respiration and provide medical assistance.

Skin contact: Remove contaminated clothing and wash the skin thoroughly with lukewarm, running water.

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

Gastrointestinal tract: Provide medical assistance. DO NOT vomit without consulting your doctor. Rinse mouth with plenty of water. Call a doctor.

4.2 The most important acute and delayed symptoms and effects of exposure

No harmful effects are known when the product is used as intended

4.3 Indications for any immediate medical attention and special treatment of the victim

Show the safety data sheet or label/pack to the treating medical professional. Treat symptomatically.

5 SECTION 5: FIRE MANAGEMENT

5.1 Extinguishing agents

Suitable extinguishing agents:

Foam, carbon dioxide, extinguishing powders, water – diffuse currents.

Unsuitable extinguishing agents:

Do not use short water jets

SAFETY DATA SHEET

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5.2 Particular hazards of the substance or mixture

During combustion, toxic combustion products, m.in carbon monoxides, and other unidentified thermal decomposition products may be formed.

5.3 Information for the fire brigade

Wear gas-tight protective clothing and breathing apparatus independent of ambient air. Containers not affected by fire, exposed to fire, cool with a dispersed stream of water, if possible, remove them from the danger area.

6 SECTION 6: HANDLING OF UNINTENTIONAL RELEASES TO THE ENVIRONMENT

6.1 Personal precautions, protective equipment and emergency procedures

For persons not belonging to the assisting staff:

Restrict bystander access to the area of failure until the appropriate cleanup operations have been completed. In the case of large releases, isolate the affected area. Do not inhale vapours. Wear personal protective equipment. Remove the ignition source. Avoid contact with skin and eyes.

For helpers:

Ensure that the recovery of failures and its consequences is carried out only by trained personnel. Wear personal protective equipment.

6.2 Environmental precautions

Where larger quantities of product are released, steps must be taken to prevent it from spreading in the environment. Notify the relevant emergency services

6.3 Methods and materials to prevent the spread of contamination and to remove contamination

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

Large leakage: Collect the product with liquid-absorbing materials (e.g. sand, with pulacea, universal binders, silica, etc.) and place it in waste containers. Do not mix with other waste. Treat the collected material as waste. Clean and ventilate the contaminated area well.

6.4 References to other sections

Personal protective equipment in Section 8.

Dispose of as recommended in section 13.

7 SECTION 7: HANDLING AND THEIR HANDLING OF SUBSTANCES AND MIXTURES

STORAGE

7.1 Precautions for safe handling

Follow good health and safety practices. Ensure adequate ventilation of the room. Before the break and after work, wash your hands thoroughly. Avoid contact with skin and eyes

7.2 Conditions for safe storage, including information on any incompatibilities

Store only in a cool and well-ventilated place. Temperature range: 0 to 40°C (Separated from food, foodstuffs and animal feed. Avoid direct sunlight, heat sources and ignition. Separated from incompatible substances (see section 10). Packages that have already been opened seal and store upright to avoid leakage.

7.3 Specific end use(s)

See section 1.2 of SDS

No information on other uses.

8 SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTIVE EQUIPMENT

8.1 Control parameters

.PL

PL: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

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NDSCh	7.5mg/m ³
PL:Propane-2-ol [67-63-0]	
NDS	900 mg/m ³
NDSCh	1200 mg/m ³

Legal basis:

Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the maximum allowable concentrations and intensities of factors harmful to health in the work environment Journal of Laws 2018.1286 of 2018.07.03, **as amended**[Journal of Laws 2020.61, 17.01.2020]

Regulation of the Minister of Development, Labour and Technology of 18 February 2021 amending the Regulation on the maximum allowable concentrations and intensities of factors harmful to health in the work environment [**Journal of Laws of 2021, item 325**]

Regulation of the Minister of Health of 2 February 2011 on research and measurement of factors harmful to health in the work environment (Journal of Laws No. 33, item 166, 2011).

Regulation of the Minister of Health of 30 December 2004 on occupational health and safety related to the occurrence of chemical agents in the workplace (Journal of Laws No. 11, item 86, 2005). **Consolidated text: Journal of Law 2016, item 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 07 February 2006 establishing a second list of indicative occupational exposure limit values for the implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC. 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 values for the implementation of Council Directive 98/24/EC and amending the Directive Commission 2000/39/EC. COMMISSION DIRECTIVE (EU) 2017/164 of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU

Value and DNEL and PNEC:

2-Butoxyethanol (butylglycol) [111-76-2]	
DNEL Employee	
Acute inhalation toxicity (systemic effects)	663 mg/m ³
Chronic inhalation toxicity (systemic effects)	98 mg/m ³
Acute skin 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
Oral chronic toxicity (systemic effects)	3,2 mg/kg
Acute inhalation toxicity (systemic effects)	426 mg/m ³
Chronic inhalation toxicity (systemic effects)	49 mg/m ³
Acute skin 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 waters)	-----
PNEC Soil	2.8 mg/kg
2-Aminoethanol [141-43-5]	

SAFETY DATA SHEET

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DNEL employee:	
Skin Long-term exposure (systemic effect):	1 mg/kg
Inhalation Long-term exposure (systemic and local effect):	3,3 mg/m ³
DNEL Consumers	
Skin Long-term exposure (systemic effect):	0,24 mg/kg
Inhalation Long-term exposure (systemic and local effect):	2 mg/m ³
PNEC	
Freshwater	0,085 mg/l
Sea water:	0,0085 mg/l
Occasional release:	0,025 mg/l
Sediment (fresh water):	0,425 mg/kg
Sediment (Seawater):	0,0425 mg/kg
Soil:	0,035 mg/kg
STP:	100 mg/l
Propane-2-ol [67-63-0]	
DNEL employees	
Skin long-term exposure	888 mg/kg/day
Inhalation of long-term exposure	500 mg/m ³
DNEL Consumers	
Skin long-term exposure	319 mg/kg/day
Inhalation of long-term exposure	89 mg/m ³
Long-term exposure after ingestion	26 mg/kg/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 waters)	552 mg/kg
PNEC Soil	28 mg/kg

Recommended monitoring procedures

Procedures shall be used to monitor concentrations of hazardous components in the air and to control the air purity at the workplace - where available and justified at the workplace - in accordance with the relevant Polish or European Standards, taking into account the conditions prevailing at the site of exposure and appropriate measurement methodologies adapted to the operating conditions. The mode, type and frequency of tests and measurements should meet the requirements contained in the Regulation of the Ministry of Health of 2 February 2011 (Journal of Laws of 2011 No. 33, item 166).

8.2 Exposure control

During the production process, local exhaust ventilation and general ventilation of the room are necessary

8.2.1 Personal protective equipment, such as personal protective equipment

When the concentration of hazardous substances is established and known, personal protective equipment should be selected taking into account the concentration of the substance present at the workplace, the duration of exposure, the activities of the worker and the recommendations given by the manufacturer of the personal protective equipment. In an emergency situation or when the concentration of the substance at the position is not known, use personal protective equipment to isolate the body (gas-tight suit completed with insulating respiratory protective equipment).

Inhalation: Under normal conditions, with sufficient ventilation is not necessary, required when exposed to high concentrations of vapour of the product. Respiratory protective devices must be used in accordance with the provisions of the respiratory protection programme to ensure an appropriate fit, training and other important aspects of their use.

Hands and skin: In case of prolonged or repeated exposure, wear protective gloves resistant to the product. In case of short contact, use protective gloves with an effectiveness level of ≥ 2 (puncture time > 30 min.). In case of prolonged contact, use protective gloves with an effectiveness level of 6 (puncture time > 480 min.). Information on the time of penetration of substances through the gloves should be obtained from the glove manufacturer and this time must be observed. It is recommended to change gloves regularly and replace them immediately if there are any signs of wear, damage (tearing, perforation) or changes in appearance (color, elasticity, shape).

Eyes: If there is a risk of eye contamination, wear safety glasses.

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Occupational hygiene: General regulations for industrial hygiene apply. At the end of the work, remove the contaminated clothing. Before breaks at work, wash your hands and face. After work, wash the whole body thoroughly. Do not eat, drink, do not smoke while working.

8.2.2 Environmental exposure control

Protect against introduction into the municipal water and sewage system and watercourses. Possible emissions from ventilation systems and process equipment should be checked to determine their compliance with the requirements of environmental law.

9 SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state:	Liquid
Color:	Colorless
Odour:	Characteristic
Melting/freezing point:	<0°C
Initial boiling point	< 70 °C
Material flammability :	No data available
Lower and upper explosion limits:	No data available
Flash point:	No data available
Auto-ignition temperature [gases, liquids]:	No data available
Decomposition temperature:	No data available
pH:	No data available
Kinetic viscosity [mm ² /s]:	No data available
Solubility:	Rwater-drainable
Partition coefficient: n-octanol/water:	No data available
Vapour pressure:	No data available
Relative density:	0.95 g/cm ³
Relative vapour density:	No data available
Particle characteristics [solid]:	N/A [liquid]

9.2 Other information

9.2.1 Information on physical hazard classes

Lack of information relevant to the safe use of the product.

9.2.2 Other safety features

Lack of information relevant to the safe use of the product.

10 SECTION 10: STABILITY and REACTIVITY

10.1 Reactivity

In conditions of storage and handling as intended – no reactivity.

10.2 Chemical stability

Under normal conditions of use and storage, the product is stable.

10.3 Possibility of dangerous reactions

No hazardous reactions are expected to occur

10.4 Conditions to avoid

High temperatures, open flame and other sources of ignition.

10.5 Incompatible materials

Strong acids, oxidising substances

10.6 Hazardous decomposition products

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

11 SECTION 11: TOXICOLOGICAL INFORMATION

SAFETY DATA SHEET

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

Toxicity of mixture components

2-Aminoethanol

LD50 1515 mg/kg (oral, rat)

LC50 >1.3 mg/l 6h (IRT)(rat, respiratory tract)

2-Butoxyethanol

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

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

LC50 respiratory tract (Rat): >2-20mg/l/4h.

Propan-2-ol

LD50 Dermal Rat >2000 mg/kg

LD50 Oral Rat >2000 mg/kg

Estimated acute toxicity of the mixture

ATE MIX orally (mg/kg): >2.000,0 [estimated]

ATE MIX leather (mg/kg): >2.000,0 [Estimated]

ATE MIX inhalation (mg/l/4h): >20 [estimated]

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

The acute toxicity of the mixture (ATEmix) has been calculated on the basis of the relevant conversion factor contained in Table 3.1.2 of Annex I to the CLP Regulation and subsequent dates. d.

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

Skin corrosion/irritation:

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

Serious eye damage/eye irritation

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

Respiratory or skin sensitisation

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

Carcinogenicity:

IARC: None of the ingredients in this product present in concentrations above 0.1% have been identified by IARC as a probable, possible or confirmed human carcinogen.

Reproductive toxicity:

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

D germ cell mutagenial effects:

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

Specific target organ toxicity – single exposure:

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

Specific target organ toxicity — repeated exposure:

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

Aspiration hazard:

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

11.2 Information about other threats

Endocrine disrupting properties:

The substance has no effect on the functioning of the endocrine system in accordance with the assessment criteria set out in Regulations: (EC) No 1907/2006, (EU) 2017/2100, (EU) 2018/605

Other information:

They are not known

12 SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity of mixture components

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 grade), Selenastrum capricornutum

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

2-Butoxyethanol

SAFETY DATA SHEET

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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

Propan-2-ol

LC50 Fish9640 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 posing a risk to the environment.

To minimize long-term global pollution, consider the following:

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

12.2 **Durability and degradability**

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

12.3 **Bioaccumulation potential**

For the mixture not specified.

12.4 **Mobility in soil**

Water soluble in any proportion

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

12.5 **PBT and vPvB assessment results**

Does not meet PBT and vPvB criteria

12.6 **Endocrine disrupting properties**

It does not contain substances whose effects may have 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]

12.7 **Other harmful effects**

Other harmful effects: the mixture may cause a change in the pH of the water. The mixture is not classified as hazardous to the ozone layer. Other adverse effects on the environment (e.g. endocrine disrupting potential, increase in global warming) shall be considered.

13 SECTION 13: WASTE MANAGEMENT

13.1 **Waste disposal methods**

Recommendations for the mixture: dispose of in accordance with current regulations Store residues in their original containers.

The waste code should be assigned at the place of production.

Recommendations for used packaging: Recovery / recycling / disposal of packaging waste in accordance with applicable regulations. Only completely emptied packaging can be recycled

Legal basis:

Act of 14 December 2012 on waste (Journal of Laws No. 0, item 21) **Consolidated text Journal of Laws 20 21, item 779**

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

Regulation of the Minister of Climate of 2 January 2020 on the waste catalogue, **Journal of Laws of 2020, item 10**

14 SECTION 14: TRANSPORT INFORMATION

14.1 **UN number or ID**

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).

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14.2 Correct shipping name UN

Not applicable

14.3 Transport hazard class(s)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

The product does not pose a threat to the environment in accordance with the criteria contained in the UN Model Regulations.

14.6 Special precautions for users

No special precautions.

14.7 Bulk sea transport in accordance with IMO instructions

Not applicable.

15 SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental legislation specific to a 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 Regulations (EEC) No 793/93 and No 1488/94 as well as Council Directives 76/769/EEC and Commission Directives 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.
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** Directive of the European Parliament and of the Council 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 amending the act on chemical substances and their mixtures and some other acts, **Journal of Laws of 2020, item 1337**
7. Act on the transport of dangerous goods of 19 August 2011 (Journal of Laws 227; item 1367) Consolidated text Journal of Law 2018, item 169
8. Government Declaration of 15 February 2021 on the entry into force of 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 of 2021, item 874)
9. Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the maximum allowable concentrations and intensities of factors harmful to health in the work environment Journal of Laws 2018.1286 of 2018.07.03, **as amended** [Journal of Laws 2020.61, 17.01.2020]
10. Act of 14 December 2012 on waste (Journal of Laws No. 0, item 21) **Consolidated text Journal of Law 2021, item 779**
11. Act of 12 October 2017 amending the act on packaging and packaging waste management and some other acts Dz.U. 2017, item 2056 **Consolidated text Journal of Law 2020, item 1114**
12. Regulation of the Minister of Climate of 2 January 2020 on the waste catalogue, Journal of Laws of 2020, item 10

15.2 Chemical safety assessment

The supplier has not carried out a chemical safety assessment. A safety report is not required for the mixture.

16 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 the supplier's safety data sheet; Calculation method]
Feed Reach Consulting; Email: biuro@frc.com.pl

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The above information was based on currently available data characterizing the product and the experience and knowledge possessed in this area by the manufacturer. The data contained in the Charter should be considered only as an aid to the safe handling of transport, distribution, use and storage. The card is not a certificate of product quality. And the information contained in the Charter applies only to the eponymous product and cannot be current or sufficient for this product used in combination with other materials or different applications. The user of the product is obliged to comply with all applicable standards and regulations and is also liable for improper use of the information contained in the Charter or improper use of the product

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

Not classified

Fromgate H (indicating the nature of the hazard) used in points 2 and 3. Safety data sheets:

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 the skin;
Skin Irrit. 2	Skin irritation Hazard category 2
H319	Irritating to the 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, subcategory 1B
H225	Highly flammable liquid and vapour
Flam. Liq. 2	Flammable liquid Hazard category 2
H336	May make you feel drowsy or dizzy.
STOT SE 3	Specific target organ toxicity – following single exposure Hazard category 3.
H335	May cause respiratory irritation
STOT SE 3	Specific target organ toxicity – following single exposure Hazard category 3.

Explanation of abbreviations and acronyms

PRICES	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	Carcinogenic, mutagenic or toxic to reproduction
CSA	Chemical safety assessment
CSR C	Chemical safety report
DMEL	Derived level causing minimal change
DNEL	Derived no-change level
DPD	Dangerous Preparations Directive 1999/45/EC
DSD	Dangerous Substances Directive 67/548/EEC
EC	European Commission
EC ₅₀	Mean effective concentration
ECB	Bureau of Chemicals
ECHA	European Chemicals Agency
EC	Einecs and ELINCS number (see also Einecs and ELINCS)
EINECS	European list of existing commercial substances
ELINCS	European Chemical List
EN	European standard
EU	European Union
GHS	Globally Harmonized System of Classification and Labelling of Chemicals

SAFETY DATA SHEET

Date of update: 05.01.2022

LAHV

LAHV TEXTILE CLEANER

VERSION: 1.0/EN

drawn up in accordance with Commission Regulation (EU) No 2020/878 of 18 June 2020 amending Ym 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)

IC ₅₀	Concentration causing 50 percent inhibition of a parameter
IUCLID	International Unified Database on Chemicals
IUPAC	International Union of Pure and Applied Chemistry
LC ₅₀	Mean lethal concentration
LD ₅₀	Average lethal dose
MSDS	Safety data sheet
PBT	Persistent, bioaccumulative and toxic
PEC	Predicted environmental concentration
PNEC(s)	Predicted concentration with no effect on the environment
EPP	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	Specific target organ toxicity
(STOT) RE	Repeated exposure
(STOT) SE	Single exposure
SVHC	Substances of very high concern
vPvB	Very persistent and very bioaccumulative substances
UN number	Material identification number in accordance with the ADR agreement.
ADR	International Convention concerning the Carriage of Dangerous Goods and Goods by Road
RID	Regulations for the International Carriage of Dangerous Goods by Rail).
IMGD	International Dangerous Goods Code.
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
MARPOL	International Convention for the Prevention of Pollution from Ships (MARPOL)
Ems	Emergency response procedures for ships carrying dangerous goods

Training

Before working with the product, the user should familiarize himself with the health and safety rules regarding the handling of chemicals, and in particular undergo appropriate on-the-job training