

drawn up in accordance with Commission Regulation (EU) No 830/2015 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (DU European Union series L No 132/8 of 29 May 2015)

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

1.1 Product identifier

CARPET CLEANER

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

Uses identified: Foam for cleaning textile carpets.

SU 21 Consumer applications.

SU 22 Professional applications.

PC35 Washing and cleaning products (including solvent-based products)

Uses advised against: No uses advised against.

1.3 Details of the supplier of the safety data sheet

CSG Cleaning Solutions Sp. z o.o.

AL. Armii Krajowej 178

EN 43-300 Bielsko-Biala

Tel: 33 47 11 174

www.laav.eu

Emergency telephone number

Emergency telephone number in Poland (open 8:00 - 16:00): +48 501 108 172

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

2 SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

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

Hazards due to physical and chemical properties:

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

Health risks

Serious eye damage Hazard category 1 [Eye Dam. 1].

Causes serious eye damage (H318)

Skin irritation Category 2 [Skin Irrit. 2].

Causes skin irritation (H315)

Environmental hazards:

The mixture is not classified as hazardous to the environment

2.2 Elements of signage

Pictogram



GHS05

CARPET CLEANER



SAFETY DATA SHEET

CARPET CLEANER

Update date: 08.04.2021

VERSION: 2.0/EN

drawn up in accordance with Commission Regulation (EU) No 830/2015 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (DU European Union series L No 132/8 of 29 May 2015)

Watchword:

DANGER

Names of hazardous ingredients on the label:

Contains: C12-14 (even) alcohols, ethoxylated < 2.5 TE, sulphates, sodium salts

Hazard statement(s)

H318 Causes serious eye damage

H315 Irritating to skin.

Prevention:

P102 Keep out of the reach of children.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P305 + P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and can be easily removed. Continue to rinse.

P310 Immediately call a POISON CENTRE/doctor

P302 + P352 IF ON SKIN: wash with plenty of water

P332 + P313 If skin irritation occurs: Seek medical advice/attention.

Supplementary signage elements

Composition according to Regulation 648/2004/EC

Contains: 5-5% anionic surfactants, 5%-15% non-ionic surfactants; fragrance compositions (Butylphenyl methylpropional; Coumarin); preservatives (2-BROMO-2-NITROPROPANE-1,3-DIOL; OCTYLISOTHIAZOLINONE), dye

2.3 Other risks

The mixture does not contain 'Substances of Very High Concern (SVHC) 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 mixtures according to Annex XIII of REACH Regulation (EC) No 1907/2006.

PBT substances (persistent, bioaccumulative and toxic)

vPvB substances (very persistent and very bioaccumulative)

3 SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance:

Not applicable

3.2 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: 68891-38-3 EC (EINECS): 500-234-8 Index number: Registration number: 01-2119488639-16-xxxx	C12-14 (even) alcohols, ethoxylated < 2.5 TE, sulphates, sodium salts	<15	GHS07 GHS05 Dgr	Skin Irrit. 2 Eye Dam. 1 Aquatic Acute 2 <u>Specific concentration limits:</u> Eye Dam. 1 : C ≥ 10 % Eye Irrit. 2 : 5 % ≤ C < 10 %	H315 H318 H412
CAS: 68439-46-3 EC (EINECS): Polymer Index number: Registration number: REACH exemption: Polymer.	Alcohols, C9-11, ethoxylated	1<x<5	GHS07 Wng	Acute Tox. 4 Eye Irrit. 2	H302 H319

CARPET CLEANER



SAFETY DATA SHEET

CARPET CLEANER

Update date: 08.04.2021

VERSION: 2.0/EN

drawn up in accordance with Commission Regulation (EU) No 830/2015 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (DU European Union series L No 132/8 of 29 May 2015)

CAS number: 52-51-7 EC (EINECS): 200-143-0 Index number: 603-085-00-8 Registration number:	2-bromo-2-nitropropano- 1,3-diol	<0.012	GHS07 GHS05 GHS09 Dgr	Acute Tox. 4 Acute Tox. 4 STOT SE 3 Skin Irrit. 2 Eye Dam. 1 Aquatic Acute 1 M=10	H312 H302 H335 H315 H318 H400
CAS: 26530-20-1 EC (EINECS): 247-761-7 Index number: 613-112-00-5 Registration number:	2-octylisothiazol-3(2H)-on	<0.0002	GHS07 GHS05 GHS09 Wng	Acute Tox. 3 Acute Tox. 3 Acute Tox. 4 Skin Corr. 1B Eye Dam. 1 Skin Sens. 1 Aquatic Acute 1 M=1 Aquatic Chronic 1 M=1=10 Specific concentration limit: Skin Sens. 1; H317: C≥0,05 %. M=100 M(Chronic)=100 <u>Inhalation</u> ATE = 0.27 mg/L (dust/mist) <u>Leather</u> ATE = 311 mg/kg (-) <u>Oral</u> ATE = 125 mg/kg (-)	H311 H331 H302 H314 H318 H317 H400 H410 EUH071

See section 16 of the Safety Data Sheet for the full wording of the H statements.

4 SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation:	Remove or carry the affected person out of the area of exposure, place in a comfortable semi-reclining or sitting position, ensure calmness, protect from loss of heat. Control breathing of the affected person - 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 min. Remove contact lenses. Avoid strong jets of water due to risk of mechanical damage to cornea. If irritation persists, consult an ophthalmologist.
Gastrointestinal tract:	Provide medical assistance. DO NOT induce vomiting without consulting a doctor. Rinse mouth with plenty of water. Call a doctor.

4.2 Most important symptoms and effects, both acute and delayed

In contact with skin: Irritating Prolonged exposure may cause redness, dryness, irritation of the skin.

Allergies

There is always the possibility of sensitisation to one or more ingredients in a product. A claim of low irritation does not mean that susceptible individuals will not react adversely. Natural substances are particularly sensitive to seasonal and other changes, which can contribute to unforeseen reactions. Unfortunately, often the only remedy in such situations is to determine the exact cause of the reaction (usually with professional medical help) and then avoid any future exposure

Eye contact: Contact causes eye pain and tearing, chemical burn with corneal ulceration.

After ingestion: Possible nausea, abdominal pain, vomiting.



SAFETY DATA SHEET CARPET CLEANER

Update date: 08.04.2021

VERSION: 2.0/EN

drawn up in accordance with Commission Regulation (EU) No 830/2015 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (DU European Union series L No 132/8 of 29 May 2015)

- After inhalation: Inhalation of vapours may cause headaches and dizziness, nausea and vomiting
- 4.3 **Indication of any immediate medical attention and special treatment needed**
Show the safety data sheet or label/packaging to the responding medical personnel. In case of eye burn, wash conjunctiva with water or saline solution (do not use neutralising solutions), for pain relief - Novocain drops. Referral to an ophthalmologist should be made. The workplace should be equipped with a shower and an eye wash station.

5 SECTION 5: FIRE-FIGHTING MEASURES

- 5.1 **Extinguishing agents**
Non-flammable product
Suitable extinguishing media:
Foam, carbon dioxide, extinguishing powders, water - dispersed currents.
Unsuitable extinguishing media:
Strong, dense water jet - risk of fire spreading.
- 5.2 **Special hazards arising from the substance or mixture**
Toxic, combustion products, including carbon monoxide, and other unidentified thermal decomposition products may be formed during combustion.
- 5.3 **Information for the fire brigade**
Use general protective equipment typical of fire. Do not stay in fire area without suitable chemical resistant clothing and breathing apparatus with independent air circulation. Do not allow extinguishing water to enter drains, surface or ground water.

6 SECTION 6: ACCIDENT PREVENTION MEASURES RELEASES TO THE ENVIRONMENT

- 6.1 **Personal precautions, protective equipment and emergency procedures**
For non-assistance personnel:
Restrict public access to the accident area until appropriate clean-up operations have been completed. In case of large releases isolate the affected area. Do not inhale vapours. Avoid contact with skin and eyes. Use personal protective equipment. Ensure adequate ventilation.
For those providing assistance:
Ensure that only trained personnel carry out the removal of the accident and its consequences. Use personal protective equipment. Remove sources of ignition.
- 6.2 **Environmental precautions**
If larger quantities are released, take steps to prevent spreading into the environment. Notify the relevant emergency services
- 6.3 **Methods and material for containment and cleaning up**
Small spill: Pick up with mop, paper towel and place in waste containers
Large spill: Collect the product with liquid-absorbing materials (e.g. sand, earth, universal binders, silica, etc.) and place in waste containers. Do not mix with other waste. Treat collected material as waste. Clean and well-ventilate contaminated area.
- 6.4 **References to other sections**
See section 8 for information on suitable personal protective equipment. Waste treatment: see section 13.



SAFETY DATA SHEET

CARPET CLEANER

Update date: 08.04.2021

VERSION: 2.0/EN

drawn up in accordance with Commission Regulation (EU) No 830/2015 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (DU European Union series L No 132/8 of 29 May 2015)

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

7.1 Precautions for safe handling

Work according to safety and hygiene rules. Avoid contamination of eyes and skin. Keep containers tightly closed when not in use. Use as intended. Ensure adequate ventilation in areas where the product is stored and used. Do not inhale product vapours. Do not smoke

7.2 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 feed. 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.

7.3 Specific end use(s)

See section 1.2 of the SDS.

No information on other uses.

8 SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

No components requiring monitoring

Legal basis:

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

Regulation of the Minister of Health of 2 February 2011 on tests and measurements of factors harmful to health in the working environment (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 in the workplace (Journal of Laws No. 11, item 86 ,2005).

DNEL and PNEC:

52-51-7 bronopol (INN)	
DNEL Employees	
Long-term systemic effects Inhalation	4.1 mg/m ³
Acute systemic effects by inhalation	12.3 mg/m ³
Long-term effects local inhalation	4.2 mg/m ³
Acute/short-term local effects by inhalation	4.2 mg/m ³
Long-term systemic effects skin	2.3 mg / kg bw/day
Acute systemic effects on the skin	7 mg/kg 7 mg/kg
Long-term local skin effects	13 µg/cm ²
Acute/short-term local skin effects	13 µg/cm ²
DNEL Consumers	
Long-term systemic effects skin	1.4 m kg bw/day
Acute systemic effects skin	_____
Long-term local skin effects	8 µg/cm ²
Acute/short-term local skin effects	8 µg/cm ²
Long-term systemic effects orally	350 µg/kg bw/day
Acute systemic effects orally	1.1 mg/kg bw/day
PNEC	



SAFETY DATA SHEET

CARPET CLEANER

Update date: 08.04.2021

VERSION: 2.0/EN

drawn up in accordance with Commission Regulation (EU) No 830/2015 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (DU European Union series L No 132/8 of 29 May 2015)

Fresh water	10 µg / L
Periodic release (freshwater)	2.5 µg / L
Seawater	800 ng / L
Sewage treatment plant (STP)	430 µg / L
Sediment (fresh water)	41 µg / kg
Sediment (seawater)	3.28 µg / kg
Soil 500 µg / kg	soil
[26530-20-1] 2-octylisothiazol-3(2H)- on [ECHA].	
PNEC	
Sweet water	2.2 µg / l
Periodic release (freshwater)	1.22 µg / l
Seawater	220 ng / l
Intermittent releases (seawater)	122 ng / l
Sewage treatment plant (STP)	No risk identified
Sediment (fresh water)	47.5 µg / kg
Sediment (seawater)	4.75 µg / kg
Soil 8.2	µg / kg
Alcohols C12-14 (even),ethoxylated < 2.5 TE, sulphates, sodium salts 68439-46-3	
DNEL	
Employees	
Long-term exposure - general skin effects	2 750 mg / kg body weight / day
Long-term exposure - general effects inhalation	175 mg/m ³
PNEC	
Sweet water	0.24 mh/l
Sediment (fresh water)	5.45 mg/kg
Soil	0.946 mg/kg

Recommended monitoring procedures

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

8.2 Exposure controls

8.2.1 Appropriate technical control measures

Necessary local and general ventilation. Use respiratory protection in case of poor ventilation.

8.2.2 Individual protection measures, such as personal protective equipment

Observe general safety and hygiene rules. Do not eat, drink or smoke while working. Ensure adequate ventilation. Wash hands thoroughly before breaks and after finishing work. Avoid eye contamination.

Respiratory protection:

If adequately ventilated, not required. In case of high vapour concentrations, accidents or if the maximum concentrations are exceeded, use suitable respiratory protective equipment with a suitable organic vapour absorber.

Hand protection:

Use chemical-resistant protective gloves. Recommended glove material: butyl rubber, nitrile rubber, neoprene.



SAFETY DATA SHEET CARPET CLEANER

Update date: 08.04.2021

VERSION: 2.0/EN

drawn up in accordance with Commission Regulation (EU) No 830/2015 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (DU European Union series L No 132/8 of 29 May 2015)

Skin and body protection: For short-term contact, use protective gloves of performance level 2 or higher (breakthrough time > 30 minutes). For prolonged contact use protective gloves of performance level 6 (breakthrough time > 480 minutes). Wear protective clothing. The glove material must be impermeable and resistant to the product. The resistance of the glove material must be tested before use. The permeation time of the glove must be obtained from the glove manufacturer and such time must be observed. It is recommended to change the gloves regularly and replace them immediately if there are any signs of wear, damage (tears, perforations) or changes in appearance (colour, elasticity, shape).
Eye protection: Recommended use of typical work clothes applicable in the workplace
Use tight-fitting safety goggles
The work area should be equipped with a shower and an eyewash station.

8.2.3 Environmental exposure controls

Protect against introduction 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.

9 SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Liquid
Colour:	Transparent
Scent:	Characteristic
Odour threshold:	No data available
pH:	8,0
Melting/freezing point:	<0° C
Initial boiling point	< 72° C
Flash point:	Non-flammable product
Evaporation rate:	No data available
Flammability of solids, gases:	Not applicable
Upper/lower flammability/explosive limits	Not determined
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	0.95 g/cm ³
Solubility:	Soluble in water
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	Not determined
Decomposition temperature:	No data available
Viscosity 240C:	Not determined
Explosive properties:	Does not present the possibility of spontaneous explosion
Oxidising properties:	The mixture has no oxidising properties

9.2 Other information

No results from additional studies.

10 SECTION 10: STABILITY and REACTIVITY

10.1 Reactivity

Under conditions of storage and handling as intended - no reactivity.



SAFETY DATA SHEET

CARPET CLEANER

Update date: 08.04.2021

VERSION: 2.0/EN

drawn up in accordance with Commission Regulation (EU) No 830/2015 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (DU European Union series L No 132/8 of 29 May 2015)

10.2 Chemical stability

Product in conditions of correct storage and use (0 to 40 degrees Celsius, no prolonged exposure to sunlight) chemically stable

10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid

High temperatures, open flame and other sources of ignition.

10.5 Incompatible materials

Strong acids, oxidising substances, Copper

10.6 Hazardous decomposition products

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

11 SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Supplementary information:

Toxicological studies have not been carried out for this product and it has been classified according to the applicable rules for the classification of chemical mixtures. The assessment was made on the basis of the constituent components of the product. The mixture is classified as hazardous to health. See section 2 Hazards identification

Toxicity of components in the mixture

Bronopol:

Oral LD50 (Rat): 305 mg/kg, Test Directive 401

LD50 dermal (Rat): > 2,000 mg/kg

2-oktylo-2H-izotiazol-3-on:

LD50 oral (Rat): 760 mg/kg

LC50 by inhalation (Rat): 1.25 mg/l, 4 h, dust/mist

LD50 dermal (Rabbit): 690 mg/kg

Alcohols, C9-11, ethoxylated

LD50 Dermal (Rabbit) > 2000 mg/kg -

LD50 Oral (Rat) 1400 mg/kg

C12-14 (even) alcohols, ethoxylated < 2.5 TE, sulphates, sodium salts

LD50 Skin (Rat) > 2000 mg/kg -

LD50 Oral (Rat) > 2500 mg/kg

Toxicity of the mixture

Estimated acute toxicity of the mixture

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

ATE MIX skin (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.

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

Acute toxicity

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

Skin corrosion/irritation:

Irritant



SAFETY DATA SHEET CARPET CLEANER

Update date: 08.04.2021

VERSION: 2.0/EN

drawn up in accordance with Commission Regulation (EU) No 830/2015 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (DU European Union series L No 132/8 of 29 May 2015)

Serious eye damage/irritation

Serious eye damage

Respiratory or skin sensitisation

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

Toxic effects on target organs - single exposure:

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

Toxic effects on target organs - repeated exposure:

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

Carcinogenic effects

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

Mutagenic effects on germ cells:

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

Reproductive toxicity:

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

Aspiration hazard:

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

Information on likely routes of exposure

On contact with skin: Irritating. Prolonged exposure may cause redness, dryness, skin irritation.

Allergies

There is always the possibility of sensitisation to one or more ingredients in a product. A claim of low irritation does not mean that susceptible individuals will not react adversely. Natural substances are particularly sensitive to seasonal and other changes, which can contribute to unforeseen reactions. Unfortunately, often the only remedy in such situations is to determine the exact cause of the reaction (usually with professional medical help) and then avoid any future exposure

Eye contact: Contact causes eye pain and tearing, chemical burn with corneal ulceration.

After ingestion: Possible nausea, abdominal pain, vomiting.

After inhalation: Inhalation of vapours may cause headaches and dizziness, nausea and vomiting

12 SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

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
- Do not allow product to enter water, waste water or soil

Toxicity of components in the mixture

Bronopol:

LC50 fish (Oncorhynchus mykiss): 41.2 mg/l, 96 h

EC50 : 1.4 mg/l, 48 h [daphnia, aquatic invertebrates].

EC50: algae 0.4 - 2.8 mg/l, 72 h

Coefficient M (acute toxicity to the aquatic environment) : 10

2-oktylo-2H-izotiazol-3-on:

LC50 fish (Oncorhynchus mykiss): 0.047 mg/l, 96 h,

EC50 (Daphnia magna (Daphnia)): 0.32 mg/l, 48 h

ErC50 (Scenedesmus capricornutum (freshwater algae)): 0.031 mg/l, 72 h, OECD Test Directive 201

M-factor (Acute toxicity to the aquatic environment): 100

CARPET CLEANER



SAFETY DATA SHEET CARPET CLEANER

Update date: 08.04.2021

VERSION: 2.0/EN

drawn up in accordance with Commission Regulation (EU) No 830/2015 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (DU European Union series L No 132/8 of 29 May 2015)

C12-14 (even) ethoxylated alcohols < 2.5 TE, sulphates, sodium salts

EC50 2.6 mg/l Freshwater Algae - Desmodesmus subspicatus 72 hours

EC50 27 mg/l Freshwater Algae - Desmodesmus subspicatus 72 hours

EC50 7.2 mg/l Freshwater Daphnia magna 48 hours

LC50 7.1 mg/l Freshwater Fish - Brachydanio rerio 96 hours

NOEC 0.18 mg/l Freshwater Daphnia magna 21 days

NOEC 0.27 mg/l Freshwater Daphnia magna 21 days

NOEC 1 mg/l Freshwater Fish - Pimephales promelas 45 days

NOEC 1 mg/l Freshwater Fish - Pimephales promelas 45 days

12.2 Persistence and degradability

The surfactants used in the product comply with the biodegradability requirements of EC Regulation 648/2004.

12.3 Bioaccumulative potential

Not specified for the mixture.

12.4 No data available for the mixture

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, in a temperate variable climate) and soil organisms, mainly (bacteria, fungi, algae, invertebrates).

12.5 Results of PBT and vPvB assessment

The substances in the product are not assessed as PBT and vPvB

12.6 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. The potential for other adverse environmental effects of the individual components of the mixture should be considered (e.g. endocrine disrupting capacity, contribution to increased global warming).

13 SECTION 13: WASTE TREATMENT

13.1 Waste disposal methods

Product removal:

Do not dispose of the product with municipal waste, do not empty into drains. Do not allow to contaminate ground or surface water.

Dispose of in accordance with valid regulations. Establish waste code on site

Legal basis:

Act of 14 December 2012 on waste (Journal of Laws No. 0, item 21) **Consolidated text OJ. 2018 item 21**

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

Act of 12 October 2017 amending the Act on packaging and packaging waste management and certain other acts
Journal of Laws. 2017 item 2056

14 SECTION 14: TRANSPORT INFORMATION

14.1 UN number

Not applicable

14.2 UN proper shipping name

Not applicable

CARPET CLEANER



SAFETY DATA SHEET

CARPET CLEANER

Update date: 08.04.2021

VERSION: 2.0/EN

drawn up in accordance with Commission Regulation (EU) No 830/2015 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (DU European Union series L No 132/8 of 29 May 2015)

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental risks

The product does not pose a risk to the environment according to the criteria of the UN Model Regulations.

14.6 Special precautions for users

No special precautions.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

15 SECTION 15: REGULATORY INFORMATION

15.1 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.
3. **790/2009/EC** Commission Regulation of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures.
4. **830/2015/ EC** Commission Regulation of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
5. **2008/98/EC** Directive of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives
6. **94/62/EC** European Parliament and Council Directive of 20 December 1994 on packaging and packaging waste.
7. **2015/830/EU** Commission Regulation of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.
8. **648/2004/EC** Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).
9. Act of 25 February 2011 on chemical substances and their mixtures (Journal of Laws 2011 no. 63 item 322), **consolidated text OJ 2015 item 1203**
10. Regulation of the Minister of Health of 10 August 2012 on the criteria and method of classification of substances and their mixtures (Journal of Laws 2012r No. 0; item 1018). **Consolidated text Dz.U. 2015 pos. 208**
11. Regulation of the Minister of Health of 20 April 2012 on the labelling of packaging of hazardous substances and mixtures and certain mixtures (Journal of Laws 2012 No. 0 item 445). **Consolidated text Dz.U. 2015 item 450**

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out by the supplier. 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).

CARPET CLEANER

Website 11 z

13



SAFETY DATA SHEET

CARPET CLEANER

Update date: 08.04.2021

VERSION: 2.0/EN

drawn up in accordance with Commission Regulation (EU) No 830/2015 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (DU European Union series L No 132/8 of 29 May 2015)

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

Charter preparer:	MA Małgorzata Krenke	Based on suppliers' safety data sheets. Calculation method
Card issued by:	"Feed Reach Consulting". www.frc.com.pl	

The above information is based on currently available data characterising the product and the experience and knowledge of the manufacturer. The data contained in the Safety Data Sheet should only be regarded as an aid to safe handling during transport, distribution, use and storage. The Charter is not a certificate of product quality. The information contained in the Safety Data Sheet applies only to the title product and may not 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 observe all applicable standards and regulations and is liable for any damage resulting from misuse of the information contained in the Charter or misapplication of the product.

Classification and procedures used to classify the mixture according to Regulation (EC) 1272/2008 [CLP].		
Eye Dam. 1	H318:	calculation method
Skin Irrit 2	H315	calculation method
Pursuant to Art. 15 of the Act of 25 February 2011 on chemical substances and mixtures (Journal of Laws 2011, No. 63, item 322, as amended), the mixture was notified to the ELDIOM database.		

H-phrases (indicating the type of hazard) used in sections 2 and 3 of the Safety Data Sheet:

H315	Irritates the skin;
Skin Irrit. 2	Skin irritation Hazard category 2
H317	May cause an allergic skin reaction.
Skin Sens. 1	Skin sensitisation Hazard category 1
H319	Irritating to eyes.
Eye Irrit. 2	Eye irritation Hazard category 2
H318	Causes serious eye damage;
Eye Dam 1	Serious eye damage/irritation, hazard category 1
H400	Very toxic to aquatic organisms.
Aquatic Acute 1	Hazardous to the aquatic environment Hazardous category 1
H410	Very toxic to aquatic organisms with long-lasting effects.
Aquatic Chronic 1	Hazardous to the aquatic environment Hazardous category 1
H302	Harmful if swallowed
Acute Tox 4	Acute toxicity (oral route), hazard category 4
H314	Causes severe skin burns and eye damage;
Skin Corr. 1AB	Skin corrosion/irritation, Hazard category 1, subcategories 1B
H335	May cause respiratory irritation
STOT SE 3	Toxic effects on target organs - after single exposure Hazard category 3.
H311	Toxic by skin contact
Acute Tox 3	Acute toxicity (after dermal application), hazard category 3
H331	Toxic by inhalation
Acute Tox 3	Acute toxicity (after inhalation exposure), hazard category 3
EUH 071	Corrosive to the respiratory tract.

CARPET CLEANER

Website 12 z

13



SAFETY DATA SHEET

CARPET CLEANER

Update date: 08.04.2021

VERSION: 2.0/EN

drawn up in accordance with Commission Regulation (EU) No 830/2015 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (DU European Union series L No 132/8 of 29 May 2015)

H412	Harmful to aquatic organisms with long-lasting effects.
Aquatic Chronic 3	Hazardous to the aquatic environment Exposure category 3
H312	Harmful in contact with skin.
Acute Tox 4	Acute toxicity, dermal Hazard category 4

Explanation of abbreviations and acronyms

NDS	Maximum workplace concentration limit (TLV-TWA) (OEL-TWA) (PEL-TWA)
NDSch	Maximum transient concentration limit (TLV-STEL)
NDSP	Maximum Tolerable Concentration Limit (TLV-CL)
LD ₅₀	Dose at which death is observed in 50% of test animals
LC ₅₀	Concentration at which death is observed in 50 % of test animals
ECX	Concentration at which X % reduction in growth or growth rate is observed
CAS number	A numerical designation assigned to a chemical substance by the US Chemical Abstracts Service (CAS), allowing the substance to be identified.
EC/EC number	Means the number assigned to a chemical in the European Inventory of Existing Chemical Substances (EINECS), or the number assigned to a substance in the European List of Notified Chemical Substances (ELINCS), or the number in the list of chemicals listed in the publication 'No-longer polymers'.
GHS	Globally Harmonised System of Classification and Labelling of Chemicals (GHS, UN GHS)
UN number	Material identification number according to the ADR agreement.
ADR	International Convention on the Carriage of Dangerous Goods and Cargoes 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 Organisation
MARPOL	International Convention for the Prevention of Pollution from Ships (MARPOL)
Ems	Emergency response procedures for ships carrying dangerous goods

Training

Before handling the product, the user should be familiar with the health and safety rules regarding the handling of chemicals and, in particular, should have received the appropriate job-related training.