

MATERIAL SAFETY DATA SHEET

According to 1907/2006/EC (REACH), 2020/878 of 18 June 2020

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

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Version: 1.0

Date of revision: -

1.1. Product identifier

GARDEN VETRINA Cleaning and maintenance foam for furniture

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

Relevant identified uses: Cleaning and maintenance foam for furniture.

Uses advised against: not determined.

1.3. Details of the supplier of the safety data sheet

KALA

ul. plk K.Myrka 32

59-220 Legnica

tel. 76 8548709,

e-mail address of the person responsible for the safety data sheet: biuro@kala.pl

1.4. Emergency telephone numbers

112 - the emergency number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture:

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Aerosol 1, H222

Aerosol 1, H229

2.2. Label elements



Signal word: Danger

Hazard statements

H229 - Pressurised container: May burst if heated.

H222 - Extremely flammable aerosol.

Precautionary statements

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 - Do not spray on an open flame or other ignition source.

P251 - Do not pierce or burn, even after use.

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

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2.3. Other hazards

Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII - no

Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII -

Not available

Other hazards which do not result in classification - None known

SECTION 3: Composition/information on ingredients

3.1. Substances: Not applicable

3.2. Mixtures:

Compound	CAS No.	EC No.	Index number REACH no.	% w/w	Classification according to Regulation No. 1272/2008
Butane	106-97-8	203-448-7	601-004-00-0 01-2119474691-32-xxxx	10,0-25,0	Flam. Gas, H220 Press Gas, H280
Propane	74-98-6	200-827-9	601-003-00-5 01-2119486944-21-xxxx		Flam. Gas, H220 Press Gas, H280
Isobutane	75-28-5	200-857-2	601-004-00-0 01-2119485395-27-xxxx		Flam. Gas, H220 Press Gas, H280

Additional information: For full text of H statements, please refer to Section:16

SECTION 4: First aid measures

4.1. Description of first aid measures:

General comments: The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

Inhalation - This product does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or persist.

Eye contact – Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

Skin contact - In case the skin is affected (stinging, redness, rashes, blisters,...), seek medical help with this Safety Data Form.

Ingestion - In case of consumption, seek immediate medical assistance showing the SDS of this product.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

Eye contact: burning sensation, redness, swelling

Skin contact: burning sensation, redness

Ingestion: Ingestion of large amounts causes nausea, vomiting, abdominal pain

Inhalation: Not applicable

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO₂). IT IS RECOMMENDED NOT to use tap water as an extinguishing agent.

5.2. Special hazards arising from the substance or mixture

Hazards from the substance or mixture: As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

Hazardous combustion products: no data

5.3. Advice for firefighters

Special precautions for firefighters: In the event of a fire involving large amounts of the product, remove/evacuate all bystanders from the danger area. Extinguish fire from a safe distance, from behind covers or using unmanned cannons. Call rescue teams. Cool closed containers exposed to fire or high temperature with dispersed water currents from a safe distance (explosion risk), and if possible and safe, remove them from the hazard area. After removing from the hazard area, continue spraying until it is completely cooled.

Special protective equipment for fire-fighters Firefighters should wear appropriate protective equipment and personal breathing apparatus with a mask covering the full face and operating at positive pressure. The basic level of protection in chemical incidents is ensured by clothing used by firefighters (including helmets, safety boots and gloves), in accordance with the European standard EN 469.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Evacuate surrounding areas. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

6.1.2. For emergency responders

If special clothing is required for the disposal of the product, see section 8 on suitable and unsuitable materials. See also information in "For non-emergency personnel."

Remove all sources of ignition - extinguish open fire, do not smoke, do not use sparking tools and devices, eliminate hot surfaces and other heat sources.

6.2. Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

6.3. Methods and material for containment and cleaning up

Absorb small amounts of the released liquid with inert, non-flammable absorbent material (e.g. earth, sand, vermiculite), collect into a closed, labeled waste container. Rinse the spill site with plenty of water. Neutralize according to applicable regulations. If necessary, in order to remove the product / absorbent material contaminated with the product, use the help of specialized companies dealing with waste transport and disposal.

6.4 Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Use only in well-ventilated areas. Protect eyes against contact with the product. Do not inhale aerosol / mist. Do not eat, drink or smoke while using the product. Do not use near sources of ignition and open fire; do not smoke tobacco. Pressurized container: protect from sun and temperature above 50°C. Do not pierce or burn, even after use. Wash hands during breaks and after finishing work.

7.2. Conditions for safe storage, including any incompatibilities

Store in original packaging, in covered, dry rooms, at a temperature within the range of 5.0-25.0°C. Protect against direct sunlight. Do not store together with food. Protect against freezing. Keep away from heat, open flames, sparks and other ignition sources. No sparking tools should be used. Do not smoke, use matches or lighters.

7.3. Specific end use(s): Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The occupational exposure limit values (NDS, NDSh, NDSP according to Regulation of the Minister of Family, Labor and Social Policy of June 12, 2018 regarding the highest permissible concentrations and intensities of factors harmful to health in the work environment (Journal of Laws of 2018, item 1286).

Compound	NDS (mg/m ³)	NDSh (mg/m ³)	NDSP (mg/m ³)
Butene	106-97-8	1900	3000
Propane	74-98-6	1800	

8.2. Exposure controls:

8.2.1. Appropriate engineering controls

General ventilation of room.

8.2.2. Individual protection measures, such as personal protective equipment

(a) Eye/face protection

avoid contact with eyes and face, if there is a real possibility of eye exposure, wear certified protective goggles.

(b) Skin protection

Hand protection: mandatory hand protection - disposable gloves protecting against chemical agents

Other

(c) Respiratory protection

Under normal conditions, no personal respiratory protection is necessary. Protective clothing will be required if a vapor forms or when the occupational exposure limits are exceeded.

(d) Thermal hazards

Non-applicable

8.2.3. Environmental exposure controls

Avoid direct runoff to drains / surface waters. Do not contaminate surface waters and drainage ditches with chemicals or used packaging. Report the product spills or uncontrolled leaks to surface water to the appropriate authorities in accordance with national and local regulations. Dispose of as chemical waste, in accordance with national and local regulations.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- (a) Physical state: liquid
- (b) Colour: colorless
- (c) Odour: characteristic for used fragrance
- (d) Melting point/freezing point: not applicable
- (e) Boiling point or initial boiling point and boiling range: not applicable
- (f) Flammability: not applicable
- (g) Lower and upper explosion limit: not applicable
- (h) Flash point: -7°C
- (i) Auto-ignition temperature: not applicable
- (j) Decomposition temperature: not applicable
- (k) pH: not applicable
- (l) Kinematic viscosity: not applicable
- (m) Solubility: not applicable
- (n) Partition coefficient n-octanol/water (log value): not applicable
- (o) Vapour pressure: not applicable
- (p) Density and/or relative density: ca. 0,850 g/cm³
- (q) Relative vapour density: not applicable
- (r) Particle characteristics: not applicable

9.2. Other information

No additional information

SECTION 10: Stability and reactivity

10.1. Reactivity

not applicable

10.2. Chemical stability

under normal conditions of pressure and temperature

10.3. Possibility of hazardous reactions

Not known

10.4. Conditions to avoid

Avoid temperatures different from range in 7.2. Keep away from sunlight and avoid contamination.

10.5. Incompatible materials

Strong oxidizing agent, Copper

10.6. Hazardous decomposition products

For mixture - not known. May create sulphur oxide

SECTION 11: Toxicological information

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

(a) acute toxicity

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

(b) skin corrosion/irritation

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

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(c) serious eye damage/irritation

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

(d) respiratory or skin sensitisation

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

(e) germ cell mutagenicity

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

(f) carcinogenicity

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

(g) reproductive toxicity

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

(h) STOT-single exposure

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

(i) STOT-repeated exposure

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

(j) aspiration hazard

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

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

not applicable

11.2.2. Other information

not applicable

SECTION 12: Ecological information

12.1. Toxicity

The experimental information related to the eco-toxicological properties of the product itself is not available.

12.2. Persistence and degradability

The surfactants contained in the mixture are consistent with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents.

12.3. Bioaccumulative potential

No data

12.4. Mobility in soil

Product is soluble in water.

12.5. Results of PBT and vPvB assessment

No data

12.6. Endocrine disrupting properties

12.7. Other adverse effects

no data

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SECTION 13: Disposal considerations

13.1. Waste treatment methods:

Follow the laws in force in the area. Thoroughly emptied packaging products are the subject of municipal waste collection.

Legal basis:

- The Act of 14 December 2012. on waste (Journal of Laws 2013, item 21)
- Act of 13 June 2013 on the management of packaging and packaging waste (Dz.U.2013 item 888).

SECTION 14: Transport information

According to the requirements of ADR / RID:

14.1. UN number or ID numer

UN1950

14.2. UN proper shipping name

AEROZOLE

14.3. Transport hazard class(es)

2

14.4. Packing group

Not applicable

14.5. Environmental hazards

No

14.6. Special precautions for user

Special precautions for users: 190, 327, 344, 625

Tunnel restriction code: D.

Physico-chemical properties: see section 9

Maximum quantity: 1 l

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

- ⚠ 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), establishing a European Chemicals Agency
- ⚠ 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
- ⚠ The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)
- ⚠ REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents
- ⚠ The Act of 25 February 2011. on chemical substances and mixtures thereof. (Dz.U. 2011, nr 63, poz.

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322.), as amended

- ▲ COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- ▲ DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives
- ▲ COMMISSION DECISION of 18 December 2014 amending Decision 2000/532/EC on the list of waste pursuant to Directive 2008/98/EC of the European Parliament and of the Council
- COMMISSION DIRECTIVE 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

15.2 Chemical safety assessment

The supplier has not carried out evaluation of chemical safety.

SECTION 16: Other information

H phrases:

H220 - Extremely flammable gas

H280 - Contains gas under pressure, may explode if heated

Abbreviations and acronyms:

ATE = Acute Toxicity Estimate

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

DEL = Derived effect levels

DNEL = Derived No Effect Level

EUH statement = CLP-specific Hazard statement

PEC = Predicted effect concentrations

PNEC = Predicted No Effect Concentration

RRN = REACH Registration Number

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Above information are elaborated in base of present accessible data characterizing product, experience and knowledge of the producer. They are not a part of product quality description not even a promise for specific characteristics. They should be treated as help for safe storing, using and transporting of product. However the worker is not without responsibility to. He should correctly use above information and comply with all law standards valid in this field.