

	<b>Material Safety Data Sheet</b> According to Commission regulation (EU) 2020/878 and article 31 EU REACH Regulation	Revision: 22.12.2016 Update date: 09.04.2024
	<b>GRAFEN PROFESSIONAL</b> <b>CARBURETOR CLEANER SPRAY</b>	Version 3.0 Page 1 of 8

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

### 1.1 Product identifier

**Grafen Professional Carburetor Cleaner Spray**

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

**Relevant identified uses:** Cleaning Spray, designed for carburetors, throttle and flow. Removes gum, varnish and sludge that reduce performance.

**Uses advised against:** No further relevant information available.

### 1.3 Details of the supplier of the safety data sheet:

**Supplier:**

**Madejski Spółka Komandytowa**

**Street address:**

Makuszyńskiego 28 Street

**Country/Postcode:**

Poland, 31-752 Kraków

**Telephone number:**

+48 (12) 643 67 67

**E-mail:**

info@madejski.com.pl

### 1.4 Emergency telephone number:

112

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Mixture:**

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

**Aerosol1 H222; H229** Extremely flammable aerosol. Pressurised container: May burst if heated (Aerosol, Category 1)

**Acute Tox.4 H312** Harmful in contact with skin (Acute toxicity (dermal), Category 4)

**Skin Irrit.2 H315** Causes skin irritation (Skin corrosion/irritation, Category 2)

**Eye Irrit.2 H319** Causes serious eye irritation (Serious eye damage/eye irritation, Category 2)

**Acute Tox.4 H332** Harmful if inhaled. (Acute toxicity (inhal.), Category 4)

**STOT SE.3 H336** May cause drowsiness or dizziness (Specific target organ toxicity – Single exposure, Category 3, Narcosis)

### 2.2 Label elements

Contains xylenes, acetone.

**Hazard pictograms:**



**Signal word:**

**DANGER**

**Hazard statements:**

H222; H229 Extremely flammable aerosol. Pressurised container: May burst if heated

H312 Harmful in contact with skin

H315 Causes skin irritation.

H319 Causes serious eye irritation

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness

**Precautionary statements:**

**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.

**P261** Avoid breathing dust/fume/gas/mist/vapours/spray.

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**P264** Wash hands thoroughly after handling.

**P271** Use only outdoors or in a well-ventilated area.

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

**P302 + P352** IF ON SKIN: Wash with plenty of water.

**P305+P351+P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**P362 +364** Take off contaminated clothing and wash it before reuse.

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

**P501** Dispose of contents/container in accordance with local/ regional/national/international regulation.

### 2.3 Other hazards

The mixture does not contain substances meeting the PBT or vPvB criteria in accordance with Annex XIII of the REACH Regulation in a concentration  $\geq 0.1\%$  w/w.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

**3.1 Substances:** Not applicable.

**3.2 Mixtures:**

Name	Identifiers	[% weight]	Classification according to Regulation (EC) No 1278/2008 (CLP).
<b>Xylenes</b>	Index No: 601-022-00-9 EC No: 215-535-7 CAS No: 1330-20-7 REACH Registration No: 01-2119488216-32-0007	>75-<80	Flam. Liq.3 H 226 Acute Tox.4 H312 Skin Irrit. 2 H315 Acute Tox.4 H332 Note C substance with a Community workplace exposure limit
<b>Acetone</b>	Index No. 606-001-00-8 EC No: 200-662-2 CAS No: 67-64-1 REACH Registration No: 01-2119471330-49-0000	>19<22	Flam. Liq.2 H225 Eye Irrit.2 H319 STOT SE.3 H336 substance with a Community workplace exposure limit
<b>Carbon dioxide</b>	Index No. - EC No: 204-696-9 CAS No: 124-38-9 REACH Registration No.*	>3<4	Press Gas (Comp.) H280 substance with a Community workplace exposure limit

Note C - Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

REACH registration number is not available because the substance is exempted from registration or the annual tonnage does not require registration.

The Full Text for all H-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**Following eye contact:** Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention if symptoms occur after washing.

**Following inhalation:** Move the exposed person to fresh air at once. Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position. Get medical attention if any discomfort continues.

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**Following skin contact:** Immediately remove contaminated clothing. Wash the skin with soap and water. Contaminated clothing should be washed before re-use. Get medical attention promptly if symptoms occur after washing.

**Following ingestion:** Immediately rinse mouth. Never give anything by mouth to an unconscious person. Seek medical advice. Provide ventilation.

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

May cause drowsiness or dizziness. May cause skin, eye irritation.

#### 4.3. Indication of any immediate medical attention and special treatment needed

If any symptoms persist seek medical advice and show the msds or label.

**Notes for the doctor:** Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

**Suitable extinguishing media:** foam, carbon dioxide, dry powder, water spray.

**Unsuitable extinguishing media:** do not use water in a jet.

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

Extremely flammable aerosol. Pressurised container: May burst if heated. Thermal decomposition or combustion may liberate toxic fumes.

#### 5.3 Advice for firefighters

**Special Fire Fighting Procedures:** Wear full protective clothing and self-contained breathing apparatus.

**Protective equipment for fire-fighters:** Keep containers cool by spraying with water. If possible, remove containers from the danger zone. Prevent from spreading or entering drains, ditches or rivers. Dispose of released and contained material in accordance with local regulations.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel:**

Removed from the danger area all persons not involved in the emergency. If necessary, order the evacuation. Avoid contact with skin, eyes. Avoid inhalation of vapours / aerosols. Provide ventilation.

**For emergency responders:**

Wear protective clothing as described in Section 8.

#### 6.2 Environmental precautions

Do not discharge into drains, water courses or into the ground. Local authorities should be advised if any exposure to the environment occurs.

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

Collect mechanical in a waste container. Dispose of waste according to the applicable local and national regulation.

#### 6.4 Reference to other sections

See Section 8 for information on personal protective equipment.

See Section 13 for disposal information.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

**Protective measures:**

Use only in a well-ventilated area. Avoid breathing vapor or aerosol. Avoid contact with eyes, skin. When handling, use appropriate personal protective equipment (see Section 8). Keep away from heat. Do not

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smoke! When using do not eat or drink.

**Advice on general occupational hygiene:**

Ensure good ventilation / exhaustion at the workplace. When using do not eat, drink or smoke. Wash hand before and after work with product. Contaminated clothing should be washed before re-use.

**7.2 Conditions for safe storage, including any incompatibilities**

Store in tightly closed original container in a dry, cool and well-ventilated place (in temperature below 50°C) Keep away from heat, sparks, sunlight, open flame and smoking.

**7.3 Specific end use(s)**

Cleaning Spray, designed for carburetors

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

International Limits Values

Substance	CAS No:	Basis / Country	Short Time Value [mg/m <sup>3</sup> ]	Short Time Value [ppm-Calculated]	Time Weighted Average Exposure Limit [mg/m <sup>3</sup> -8 h]	Time Weighted Average Exposure Limit [ppm-Calculated]
Xylenes	1330-20-7	European Union	442	100	221	50
Acetone	67-64-1	European Union	-	-	1210	500
Carbon dioxide	124-38-9	European Union	-	-	9000	5000

DNEL, PNEC - No data available

**8.2 Exposure controls**

**Appropriate engineering controls**

Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**

Avoid contact with eyes. Wear approved chemical safety goggles where eye exposure is reasonably probable. Use equipment for eye protection tested and approved under appropriate government standards such as EN 166.

**Skin protection:**

Hand protection: Use gloves. Gloves must be inspected prior to use.

The selected protective gloves have to satisfy the specifications of Directive 89/686 / EEC and EN 374.

Other: Wear protective clothing. Contaminated clothing should be washed before re-use.

**Respiratory protection:** Where risk assessment shows air-purifying respirators are appropriate use a face respirator. It is recommended to use respiratory equipment with filter.

**Thermal hazards:** Protection is not required; the product poses no thermal risk.

**Environmental exposure controls**

Local guidelines on emission limits for volatile substances must be observed for the discharge of exhaust air containing vapour. Do not discharge into drains, water courses or into the ground. Local authorities should be advised if any exposure to the environment occurs.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

Physical state	Liquid under pressure (aerosol)
Colour	No data available

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Odour	No data available
Melting point/freezing point	No data available
Boiling point or initial boiling point and boiling range	No data available
Flammability	No data available
Lower and upper explosion limit	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH	No data available
Kinematic viscosity	No data available
Solubility	No data available
Partition coefficient n-octanol/water (log value)	No data available
Vapour pressure	No data available
Density and/or relative density	No data available
Relative vapour density	No data available
Particle characteristics	No data available

## 9.2 Other information:

No data available.

## SECTION 10: Stability and Reactivity

### 10.1 Reactivity

Not reactive under normal conditions of storage and use. Flammable aerosol. Pressurised container: May burst if heated.

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

No hazardous reactions are expected under normal conditions of storage and use.

### 10.4 Conditions to avoid

Avoid heat, flames and other sources of ignition.

### 10.5 Incompatible materials

No data available

### 10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

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

#### Acute toxicity

No data available for the mixture.

#### Xylenes

LD50 (rat, oral)	4300 mg/kg bw
LC50 (rat, inhalation)	6700 ppm

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LD50 (rabbit, dermal)	>5000 mg/kg bw
<b>Acetone</b>	
LD50 (rat, oral)	5800 mg/kg bw
LC50 (rat, inhalation)	132 mg/L air
LD50 (rabbit, dermal)	> 7426 mg/kg bw

ATEmix- calculated:

Acute toxicity (oral) >2000 mg/kg; not classified

Acute toxicity (dermal) 1447,268 mg/kg; Harmful in contact with skin.

Acute toxicity (inhalation) 14,474 mg/l; Harmful if inhaled.

#### Skin corrosion/irritation

Causes skin irritation.

#### Serious eye damage/irritation

Causes serious eye irritation.

#### Respiratory or skin sensitisation

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

#### Germ cell mutagenicity

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

#### Carcinogenicity

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

#### Reproductive toxicity

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

#### STOT-single exposure

May cause drowsiness or dizziness.

#### STOT-repeated exposure

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

#### Aspiration hazard

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

### 11.2 Information on other hazards

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 12: Ecological information

### 12.1 Toxicity

No data available for the mixture.

#### Xylenes

Fish ( <i>Oncorhynchus mykiss</i> )	LC50	>7.6 mg/L exposition time: 96h
Aquatic invertebrates ( <i>Ceriodaphnia dubia</i> )	EC50	>3.4 mg/L exposition time:96h
Algae and bacteria ( <i>Pseudokirchneriella subcapitata</i> )	EC50	4.36 mg/L exposition time: 73h

#### Acetone

Fish ( <i>Pimephales promelas</i> )	LC50	8120 mg/L exposition time: 96h
Aquatic invertebrates ( <i>Artemia salina</i> )	EC50	2100 mg/L exposition time:24h
Algae and bacteria ( <i>Pseudokirchneriella subcapitata</i> )	NOEC	7000 mg/L exposition time: 96h

### 12.2 Persistence and degradability

No further relevant information available.

### 12.3 Bioaccumulative potential

No further relevant information available.

Acetone: Log Pow -0,24

### 12.4 Mobility in soil

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No further relevant information available.

#### 12.5 Results of PBT and vPvB assessment

The mixture does not contain substances meeting the PBT or vPvB criteria in accordance with Annex XIII of the REACH Regulation in a concentration  $\geq 0.1\%$ w/w

#### 12.6 Endocrine disrupting properties

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

#### 12.7 Other adverse effects

No further relevant information available.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

### SECTION 14: Transport Information

	ADR/RID	ADN/ADNR	IMDG	IATA
14.1. UN number or ID number	UN1950	UN1950	UN1950	UN1950
14.2. UN proper shipping name	Aerosol	Aerosol	Aerosol	Aerosol, flammable
14.3. Transport hazard class(es)	2.1	2.1	2.1	2.1
14.4. Packing group	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards	NO	NO	NO	NO
14.6. Special precautions for user	Tunnel code: D	Not applicable	No EmS: F-D No EmS : S-U	Not applicable
14.7. Maritime transport in bulk according to IMO instruments	Not applicable	Not applicable	Not applicable	Not applicable

### SECTION 15: Regulatory information

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

Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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.

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),

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 with amendments.

2014/955/EU: 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 Text with EEA relevance.

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## 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

## SECTION 16: Other information

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

Aerosol 1 H222; H229

Acute Tox.4 H312

Skin Irrit.2 H315

Eye Irrit.2 H319

Acute Tox.4 H332

STOT SE.3 H336

### Relevant H-statements (number and full text)

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

### Additional Information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, Information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

It is the responsibility of persons in receipt of this Product Safety Data Sheet to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produces a formulation containing the product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from the Product Safety Data Sheet to their own Product Safety Data Sheet.

All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS. As stated above, this Safety Data Sheet has been prepared in compliance with applicable European law. If you purchase this material outside Europe, where compliance laws may differ, you should receive from your local supplier a SDS applicable to the country in which the product is sold and intended to be used. Please note that the appearance and content of the SDS may vary –even for the same product between different countries, reflecting the different compliance requirements.

Update section: 1,2,3,9,11,12,14,16.