

The safety data sheet complies with Commission Regulation (EU) 878/2020 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) .

## GRAFILON

Creation date	22nd October 2003	Version	15
Revision date	22nd December 2022		

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

**1.1. Product identifier** GRAFILON  
Substance / mixture mixture

**1.2. Relevant identified uses of the substance or mixture and uses advised against**  
**Mixture's intended use**

Graffiti remover

#### The use descriptors

IS Use at industrial sites

PW Widespread use by professional workers

#### Mixture uses advised against

The product should not be used in ways other than those referred in Section 1.

**1.3. Details of the supplier of the safety data sheet**

#### Supplier

Name or trade name	NOVATO
Address	Uralská 770/6, Praha, 160 00 Czech Republic
Identification number (CRN)	62910370
VAT Reg No	CZ62910370
Phone	+420 233 339 688
E-mail	petr.johanides@novato.cz
Web address	www.novato.cz

#### Competent person responsible for the safety data sheet

Name	ABITEC
E-mail	info@abitec.cz

**1.4. Emergency telephone number**

European emergency number: 112

### SECTION 2: Hazards identification

**2.1. Classification of the substance or mixture**

#### Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is not classified as dangerous according to Regulation (EC) No 1272/2008.

#### Most serious adverse physico-chemical effects

Imperfect thermal decomposition at high temperatures may release hazardous gases.

#### Most serious adverse effects on human health and the environment

If the recommended method of use is followed, they are not. It can show weak when hit directly eye and skin irritation. Avoid ingestion. Ensure against confusion with drinks. Keep out of reach of children. The mixture is not classified as dangerous for the environment. Prevent leakage into drains, soil, underground and surface water. Follow the instructions for use to avoid risks to humans and the environment.

The full wording of the classification and H phrases is given in Sect. 16 of this safety data sheet.

**2.2. Label elements**

none

**2.3. Other hazards**

The mixture and its components do not meet the criteria for persistent, bioaccumulative and toxic or highly persistent and highly bioaccumulative substances in accordance with Annex XIII, nor were they included in the list compiled in accordance with Article 59, paragraph 1, due to the content of substances causing disruption of activity of the endocrine system, nor has it been determined as a substance with endocrine disrupting properties activities in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or in Commission Regulation (EU) 2018/605.

# SAFETY DATA SHEET

The safety data sheet complies with Commission Regulation (EU) 878/2020 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) .

## GRAFILON

Creation date	22nd October 2003	Version	15
Revision date	22nd December 2022		

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Mixture.

**Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment**

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 603-001-00-X CAS: 67-56-1 EC: 200-659-6	METHYL ALCOHOL	<0,2	Flam. Liq. 2, H225 Acute Tox. 3, H301+H311+H331 STOT SE 1 (**), H370 Specific concentration limit: STOT SE 1, H370: C ≥ 10 % STOT SE 2, H371: 3 % ≤ C < 10 %	1, 2

##### Notes

\*\* another exposure route cannot be ruled out

1 A substance for which exposure limits are set.

2 The use of the substance is restricted by Annex XVII of REACH Regulation

Full text of all classifications and hazard statements is given in the section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

In the event of health problems or in case of doubt, consult a doctor and provide him with information from this safety data sheet. In case of life-threatening conditions, perform resuscitation. An unconscious person place in a stable position and do not give anything by mouth. Avoid catching cold. Do not induce vomiting. At by spontaneous vomiting, prevent inhalation of vomitus.

##### If inhaled

Interrupt the exposure, leave the contaminated area, rinse the oral cavity with water, inhale fresh air. If respiratory tract irritation occurs, seek medical attention.

##### If on skin

Wash the affected skin with lukewarm water and soap, treat with a regenerative cream. If symptoms occur irritation, seek medical attention.

##### If in eyes

If the victim wears contact lenses, remove them. Forcefully open eyes should be flushed with plenty of water clean lukewarm water. If symptoms of irritation occur, seek medical attention.

##### If swallowed

Do not induce vomiting, rinse your mouth with water, drink a glass of water. If you don't feel well, seek it out medical treatment and present this safety data sheet.

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

##### If inhaled

not available

##### If on skin

In concentrated form, it can cause slight irritation to the eyes (watering, burning, itching) and skin (redness, itching).

##### If in eyes

In concentrated form, it can cause slight irritation to the eyes (watering, burning, itching) and skin (redness, itching).

##### If swallowed

Ingestion of the liquid may cause abdominal pain and nausea. It can appear vomiting and diarrhea.

The safety data sheet complies with Commission Regulation (EU) 878/2020 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) .

## GRAFILON

Creation date	22nd October 2003	Version	15
Revision date	22nd December 2022		

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

With normal use of the mixture, immediate medical attention is not necessary. Always seek medical help when ingestion and eye contact; is symptomatic.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

The mixture is not flammable, match the extinguishing agents to the fire in the area (powders, CO<sub>2</sub>, foam, water fog).

#### Unsuitable extinguishing media

Full stream of water.

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

Imperfect thermal decomposition can result in dangerous decomposition products (CO, CO<sub>2</sub>, etc.).

### 5.3. Advice for firefighters

Adapt the protective equipment to the fire in the area. Use a respirator if necessary. Remove the mixture containers from the fire area if you can do so without risk.

## SECTION 6: Accidental release measures

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

Prevent the entry of unauthorized persons, ensure an escape area. Ensure adequate ventilation of the workplace space. Avoid contact with skin and eyes - use personal protective equipment.

### 6.2. Environmental precautions

Observe the usual environmental protection measures. Prevent leakage into drains, soil, surface and underground waters.

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

In case of a large leak, pump out the mixture. In case of a small leakage of the mixture, cover with a sorbent (sand, diatomaceous earth, soil, sawdust, universal sorbent, etc.), store the used sorbent in a sealable container for waste and dispose of in accordance with applicable waste disposal regulations. Wash the contaminated area with water.

### 6.4. Reference to other sections

See the Section 7, 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Follow the recommendations given in the instructions for use. Ensure sufficient ventilation of the work area. Ensure direct contact of the mixture with the eyes, use personal protective equipment according to sec. 8. Prevent contact with open flames and heat sources. Observe the applicable safety and security legislation health. Follow the principles of hygiene when working with chemicals, do not eat, drink or smoke while working. Before wash your hands with soap and water during breaks, meals and after work.

### 7.2. Conditions for safe storage, including any incompatibilities

Store tightly closed in the original packaging at a temperature between 5 - 50 °C. Store away from sources heat, do not smoke. Store away from food, drink and feed. Follow the directions on the label.

Content	Packaging type	Material of package
5 l	jerry can	PE
25 l	jerry can	PE

Storage temperature min 5 °C, max 50 °C

### 7.3. Specific end use(s)

not available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

# SAFETY DATA SHEET

The safety data sheet complies with Commission Regulation (EU) 878/2020 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) .

## GRAFILON

Creation date	22nd October 2003	Version	15
Revision date	22nd December 2022		

### Czech Republic

### Government Regulation 330/2023 Coll.

Substance name (component)	Type	Value	Note
METHYL ALCOHOL (CAS: 67-56-1)	PEL	250 mg/m <sup>3</sup>	skin penetration is significantly involved during exposure
	PEL	188 ppm	
	NPK-P	1000 mg/m <sup>3</sup>	
	NPK-P	751 ppm	

### European Union

### Commission Directive 2006/15/EC

Substance name (component)	Type	Value	Note
METHYL ALCOHOL (CAS: 67-56-1)	OEL 8 hours	260 mg/m <sup>3</sup>	Skin
	OEL 8 hours	200 ppm	

## 8.2. Exposure controls

Ensure sufficient ventilation, or extraction of the working space. Avoid contact with eyes and skin. Observe hygienic measures for working with chemicals. Do not eat, drink or smoke while working. Before wash your hands with lukewarm water and soap during breaks, meals and after work. Adapt personal protective equipment to the nature of the work.

### Eye/face protection

Closed safety glasses.

### Skin protection

Protective work clothing; remove contaminated clothing, wash before further use. Protective gloves - when choosing, follow the manufacturer's recommendations, the material must be impermeable and resistant to the components of the mixture. Test in a specific workplace before first use. Replace damaged gloves.

### Respiratory protection

Not necessary. Use in case of insufficient ventilation and when limits are exceeded respirator, or mask with filter against organic vapors and aerosols, type A.

### Thermal hazard

Undetermined. Avoid heating the mixture and exposure to elevated temperatures.

### Environmental exposure controls

Observe the usual environmental precautions. Avoid leakage into sewers, underground and surface water and soil.

### More information

Ensure compliance with governmental regulation 361/2007 Coll., Laying down the conditions for the protection of health at work, as amended, and to fulfill the obligations contained therein.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	Light green to colorless
Odour	characteristic
Melting point/freezing point	-20 °C
Boiling point or initial boiling point and boiling range	>200 °C
Flammability	Flammable IV. hazard class
Lower and upper explosion limit	
bottom	0.8-1 %
upper	7-9 %
Flash point	100 °C

# SAFETY DATA SHEET

The safety data sheet complies with Commission Regulation (EU) 878/2020 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) .

## GRAFILON

Creation date	22nd October 2003	Version	15
Revision date	22nd December 2022		

Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	data not available
Kinematic viscosity	data not available
Solubility in water	miscible
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	0.006 kPa at 20 °C
Density and/or relative density	data not available
Relative vapour density	data not available
Particle characteristics	data not available

### 9.2. Other information

Density and/or relative density (at 20 °C): 1,005 - 1,012 kg/m<sup>3</sup>  
 VOC content: < 0.2%  
 Explosive properties: The mixture does not show explosive properties.  
 Oxidizing properties: The mixture is not classified as oxidizing.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The mixture is not reactive.

### 10.2. Chemical stability

The product is stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Danger of exothermic reaction in contact with acids and oxidizing agents.

### 10.4. Conditions to avoid

Temperatures above 50 °C, contact with heat sources.

### 10.5. Incompatible materials

Strong oxidizing agents, strong acids.

### 10.6. Hazardous decomposition products

Under normal conditions, the mixture does not decompose. Imperfect thermal decomposition results in hazardous substances  
 decomposition products: CO, CO<sub>2</sub>.

## SECTION 11: Toxicological information

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

The mixture is not classified as dangerous in the sense of EC Regulation No. 1272/2008, as amended.

#### Acute toxicity

The mixture is not classified as acutely toxic by any way of exposure.

METHYL ALCOHOL					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD <sub>50</sub>	5628 mg/kg		Rat	
Oral	LD <sub>50</sub>	7000-9000 mg/kg		Monkey	
Dermal	LD <sub>50</sub>	15800 mg/kg		Rabbit	
Inhalation	LC <sub>50</sub>	85 mg/l	4 hours	Rat	

#### Skin corrosion/irritation

Based on available data the classification criteria are not met.

#### Serious eye damage/irritation

Based on available data the classification criteria are not met.

The safety data sheet complies with Commission Regulation (EU) 878/2020 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) .

## GRAFILON

Creation date	22nd October 2003	Version	15
Revision date	22nd December 2022		

**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.

**Toxicity for specific target organ - single exposure**

Based on available data the classification criteria are not met.

**Toxicity for specific target organ - 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**

It does not contain substances causing disruption of the endocrine system. In concentrated form, it can cause slight irritation to the eyes (watering, burning, itching) and skin (redness, itching). Ingestion of the liquid may cause abdominal pain and nausea. It can appear vomiting and diarrhea.

**SECTION 12: Ecological information**

**12.1. Toxicity**

The ecotoxic effects of the mixture were not assessed. Observe the usual environmental precautions.

**Acute toxicity**

METHYL ALCOHOL				
Parameter	Value	Exposure time	Species	Environment
LC <sub>50</sub>	15400 mg/l	96 hours	Fish (Lepomis macrochirus)	
LC <sub>50</sub>	8530 mg/l	96 hours	Fish (Oncorhynchus mykiss)	
LC <sub>50</sub>	28100 mg/l	96 hours	Fish (Pimephales promelas)	
EC <sub>50</sub>	>10000 mg/l	24 hours	Invertebrates (Daphnia magna)	

**12.2. Persistence and degradability**

Data not available.

**12.3. Bioaccumulative potential**

Bioaccumulation is unlikely.

**12.4. Mobility in soil**

Mobile in soil and water.

**12.5. Results of PBT and vPvB assessment**

The mixture does not contain substances from the PBT and vPvB groups according to Annex XIII of the REACH Regulation, as amended.

The safety data sheet complies with Commission Regulation (EU) 878/2020 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) .

## GRAFILON

Creation date	22nd October 2003	Version	15
Revision date	22nd December 2022		

### 12.6. Endocrine disrupting properties

Substances with these properties in accordance with the criteria set out in Commission Regulation (EU) 2017/2100 or (EU) 2018/605 are not included.

### 12.7. Other adverse effects

Prevent the mixture from leaking into the soil, ground or surface water or sewerage. Follow the usual environmental protection measures environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Suitable disposal methods for the mixture Dispose of as hazardous waste. Hand over for disposal to an authorized person or to a hazardous waste collection yard. When disposing of the remains of the mixture and packaging must be followed in accordance with local waste management regulations.

#### Waste management legislation

Act No. 477/2001 Coll., On Packaging, as amended. Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended.

#### Waste type code

08 01 17\* wastes from paint or varnish removal containing organic solvents or other hazardous substances

#### Packaging waste type code

15 01 10\* packaging containing residues of or contaminated by hazardous substances

(\* ) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

## SECTION 14: Transport information

### 14.1. UN number or ID number

not subject to transport regulations

### 14.2. UN proper shipping name

not relevant

### 14.3. Transport hazard class(es)

not relevant

### 14.4. Packing group

not relevant

### 14.5. Environmental hazards

not relevant

### 14.6. Special precautions for user

Transport in packages that match the properties of the mixture. Observe the prescribed marking for cargo.

### 14.7. Maritime transport in bulk according to IMO instruments

not relevant

## SECTION 15: Regulatory information

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

Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. COMMISSION REGULATION (EU) 2020/878 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). Commission Delegated Regulation (EU) 2021/849 of 11 March 2021 amending, for the purposes of adapting to technical and scientific progress, Part 3 of Annex VI to Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labeling and packaging of substances and mixtures. REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals.

# SAFETY DATA SHEET

The safety data sheet complies with Commission Regulation (EU) 878/2020 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) .

## GRAFILON

Creation date	22nd October 2003	Version	15
Revision date	22nd December 2022		

### Restrictions pursuant to Annex XVII of Regulation (EC) No. 1907/2006 (REACH), as amended

METHYL ALCOHOL

Restriction	Conditions of restriction
69	Shall not be placed on the market to the general public after 9 May 2019 in windscreen washing or defrosting fluids, in a concentration equal to or greater than 0,6 % by weight.

### 15.2. Chemical safety assessment

No chemical hazard assessment was performed for this mixture.

#### More information

This information only indicates the basic regulations listed in this Safety Data Sheet. Please note the possible existence of additional regulations supplementing these Regulations. We refer to all applicable national, international and local regulations and regulations.

## SECTION 16: Other information

### A list of standard risk phrases used in the safety data sheet

H225	Highly flammable liquid and vapour.
H370	Causes damage to organs.
H371	May cause damage to organs.
H301+H311+H331	Toxic if swallowed, in contact with skin or if inhaled.

### Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1.

### Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EC <sub>50</sub>	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
EuPCS	European Product Categorisation System
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC <sub>50</sub>	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD <sub>50</sub>	Lethal dose of a substance in which it can be expected death of 50% of the population
log Kow	Octanol-water partition coefficient
NPK	Maximum admissible concentration
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
PEL	Permissible Exposure Limit
ppm	Parts per million





# SAFETY DATA SHEET

The safety data sheet complies with Commission Regulation (EU) 878/2020 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) .

## GRAFILON

Creation date	22nd October 2003	Version	15
Revision date	22nd December 2022		

REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative
Acute Tox.	Acute toxicity
Flam. Liq.	Flammable liquid
STOT SE	Specific target organ toxicity - single exposure

### Training guidelines

According to § 103 and § 104 of Act No. 262/2006 Coll., The Labor Code, as amended. Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

### Recommended restrictions of use

not available

### Information about data sources used to compile the Safety Data Sheet

Manufacturer data and toxicological databases.

### The changes (which information has been added, deleted or modified)

Adaptation of BL updated Annex II of the REACH Regulation as amended by Commission Regulation (EU) 2020/878.

### Statement

The safety data sheet contains the data needed to ensure safety and health at work and environmental protection. These data correspond to the current state of knowledge and experience and are in accordance with applicable legal regulations. They can not be considered as a guarantee of the suitability and usability of the product for a specific application. The user is responsible for the treatment under existing laws and regulations.