



Safety data sheet according to 1907/2006/EC, Article 31

Printing date 17.02.2022

Version number 1.1 (replaces version 1.0)

Revision: 17.02.2022

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

- **Product identifier**
- **Trade name: Oilfino Oelfleckenentferner**
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Oil stain remover
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
oilfino Mineralöl GmbH
Werkstr. 12
D- 25497 Prisdorf
info@oilfino.com
Tel.: +49 (0) 4101 / 79900
www.oilfino.com
- **Further information obtainable from:** Sales
- **Emergency telephone number:**
Gift-Informationszentrum Nord (Göttingen)
Telefon +49 (0)551-19240

SECTION 2: Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



flame

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

Eye Irrit. 2 H319 Causes serious eye irritation.
STOT SE 3 H336 May cause drowsiness or dizziness.

- **Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.

(Contd. on page 2)



Safety data sheet according to 1907/2006/EC, Article 31

Printing date 17.02.2022

Version number 1.1 (replaces version 1.0)

Revision: 17.02.2022

Trade name: Oilfino Oelfleckenentferner

(Contd. of page 1)

Hazard pictograms

GHS02 GHS07

Signal word Danger**Hazard-determining components of labelling:**

ethyl acetate

Hazard statements

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

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Precautionary statements

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

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

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

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

P405 Store locked up.

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 regulations.

Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.

(Contd. on page 3)



Safety data sheet according to 1907/2006/EC, Article 31

Printing date 17.02.2022

Version number 1.1 (replaces version 1.0)

Revision: 17.02.2022

Trade name: Oilfino Oelfleckenentferner

(Contd. of page 2)

· Dangerous components:

CAS: 106-97-8 EINECS: 203-448-7	butane (containing $\geq 0,1\%$ butadiene (203-450-8)) Flam. Gas 1A, H220; Press. Gas (Comp.), H280	$\geq 25-\leq 50\%$
CAS: 141-78-6 EINECS: 205-500-4	ethyl acetate Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	$\geq 25-\leq 50\%$
CAS: 74-98-6 EINECS: 200-827-9	propane Flam. Gas 1A, H220; Press. Gas (Comp.), H280	$\geq 10-\leq 25\%$
CAS: 75-28-5 EINECS: 200-857-2	isobutane Flam. Gas 1A, H220; Press. Gas (Comp.), H280	$\geq 0-\leq 10\%$

· Additional information: For the wording of the listed hazard phrases refer to section 16.**SECTION 4: First aid measures****· Description of first aid measures**

- After skin contact:** Generally the product does not irritate the skin.
- After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing:** If symptoms persist consult doctor.
- Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- Extinguishing media**
- Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- Special hazards arising from the substance or mixture** No further relevant information available.
- Advice for firefighters**
- Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

- Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

(Contd. on page 4)



Safety data sheet according to 1907/2006/EC, Article 31

Printing date 17.02.2022

Version number 1.1 (replaces version 1.0)

Revision: 17.02.2022

Trade name: Oilfino Oelfleckenentferner

(Contd. of page 3)

- **Methods and material for containment and cleaning up:**
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:** Keep ignition sources away - Do not smoke.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Observe official regulations on storing packagings with pressurised containers.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Storage class (TRGS):** 2 B
- **Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

106-97-8 butane (containing $\geq 0,1\%$ butadiene (203-450-8))

WEL	Short-term value: 1810 mg/m ³ , 750 ppm Long-term value: 1450 mg/m ³ , 600 ppm Carc (if more than 0.1% of buta-1.3-diene)
-----	---

141-78-6 ethyl acetate

WEL	Short-term value: 1468 mg/m ³ , 400 ppm Long-term value: 734 mg/m ³ , 200 ppm
-----	--

- **DNELs**

141-78-6 ethyl acetate

Oral	DNEL Long-term - oral, systemic effects	4.5 mg/kg_bw/day (rat)
------	---	------------------------

(Contd. on page 5)



Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 17.02.2022

Version number 1.1 (replaces version 1.0)

Revision: 17.02.2022

Trade name: Oilfino Oelfleckenentferner

(Contd. of page 4)

Dermal	DNEL Long-term – dermal, systemic effects	37 mg/kg_bw/day (rat)
Inhalative	DNEL long-term - inhalation local effects	734 mg/m ³ (rat)
	DNEL Long-term – inhalation, systemic effects	734 mg/m ³ /day (rat)
	DNEL Acute - inhalation, local effects	1,468 mg/m ³ (rat)
	DNEL Acute inhalation systemic effects	1,468 mg/m ³ (rat)

· **PNECs**

141-78-6 ethyl acetate

PNEC short term, sea water	0.026 mg/l (Aquatic organisms)
PNEC short term, sewage plant	650 mg/l (Aquatic organisms)
PNEC short term fresh water sediment	1.25 mg/kg (Aquatic organisms)
PNEC short term soil	0.24 mg/kg (terrestrial organisms)
PNEC short term sea water sediment	0.125 mg/kg (Aquatic organisms)
PNEC short term, intermittent releases	1.65 mg/l (Aquatic organisms)
PNEC secondary poisoning	200 mg/kg KG/d (Aquatic organisms)

· **Additional information:** The lists valid during the making were used as basis.

· **Exposure controls**

· **Appropriate engineering controls** No further data; see item 7.

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

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

· **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· **Hand protection**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

(Contd. on page 6)



Safety data sheet according to 1907/2006/EC, Article 31

Printing date 17.02.2022

Version number 1.1 (replaces version 1.0)

Revision: 17.02.2022

Trade name: Oilfino Oelfleckenentferner

(Contd. of page 5)

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye/face protection

Tightly sealed goggles

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties**General Information****Physical state**

Aerosol

Colour:

White

Odour:

Solvent-like

Odour threshold:

Not determined.

Melting point/freezing point:

Undetermined.

Boiling point or initial boiling point and boiling range

Not applicable, as aerosol.

Flammability

Not applicable.

Lower and upper explosion limit**Lower:**

2.2 Vol %

Upper:

15 Vol %

Flash point:

Not applicable, as aerosol.

Ignition temperature:

>250 °C

Decomposition temperature:

Not determined.

pH

Not determined.

(Contd. on page 7)



Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 17.02.2022

Version number 1.1 (replaces version 1.0)

Revision: 17.02.2022

Trade name: Oilfino Oelfleckenentferner

(Contd. of page 6)

· Viscosity:	
· Kinematic viscosity	Not determined.
· Dynamic:	Not determined.
· Solubility	
· water:	Not miscible or difficult to mix.
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure at 20 °C:	3,800 hPa
· Density and/or relative density	
· Density at 20 °C:	0.73 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Other information	
· Appearance:	
· Form:	Aerosol
· Important information on protection of health and environment, and on safety.	
· Auto-ignition temperature:	Product is not selfigniting.
· Explosive properties:	Not determined.
· Solvent content:	
· Organic solvents:	35-<75 %
· VOC (EC)	97.67 %
· Change in condition	
· Evaporation rate	Not applicable.
· Information with regard to physical hazard classes	
· Explosives	Void
· Flammable gases	Void
· Aerosols	Extremely flammable aerosol. Pressurised container: May burst if heated.
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void

(Contd. on page 8)



Safety data sheet according to 1907/2006/EC, Article 31

Printing date 17.02.2022

Version number 1.1 (replaces version 1.0)

Revision: 17.02.2022

Trade name: Oilfino Oelfleckenentferner

(Contd. of page 7)

· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

SECTION 10: Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity**

- **LD/LC50 values relevant for classification:**

141-78-6 ethyl acetate

Oral	LD50	5,600 mg/kg (rat) 5,620 mg/kg (rabbit)
Dermal	LD50	18,000 mg/kg (rat)

- **Serious eye damage/irritation** Causes serious eye irritation.
- **STOT-single exposure** May cause drowsiness or dizziness.

(Contd. on page 9)



Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 17.02.2022

Version number 1.1 (replaces version 1.0)

Revision: 17.02.2022

Trade name: Oilfino Oelfleckenentferner

(Contd. of page 8)

- **Information on other hazards**
 - **Endocrine disrupting properties**
- None of the ingredients is listed.

SECTION 12: Ecological information

· **Toxicity**

· **Aquatic toxicity:**

106-97-8 butane (containing $\geq 0,1\%$ butadiene (203-450-8))

	LC50 (96h) mg/ltr.	27.98 mg/ltr (Fish)
	EC50 (96h) mg/ltr	7.71 mg/ltr (algae)

141-78-6 ethyl acetate

Inhalative	LC50 (4h)	154 mg/l (daphnia) 1,600 mg/l (rat)
	LC50 (96h) mg/ltr.	230 mg/ltr (rainbow trout)
	EC50 (48h)	717 mg/l (daphnia)
	EC50 (96h) mg/ltr	2,500 mg/ltr (Fish)
	NOEC	2.4 mg/ml /21d (Daphnia magna) 75.6 mg/ml /32d (Fish, minnows) 1.28 mg/ml (rat)

· **Persistence and degradability**

141-78-6	ethyl acetate	100 %
----------	---------------	-------

- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Endocrine disrupting properties**
The product does not contain substances with endocrine disrupting properties.
- **Other adverse effects** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

(Contd. on page 10)



Safety data sheet according to 1907/2006/EC, Article 31

Printing date 17.02.2022

Version number 1.1 (replaces version 1.0)

Revision: 17.02.2022

Trade name: Oilfino Oelfleckenentferner

(Contd. of page 9)

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Self-classification according to Annex 1 (to § 4 paragraph 1, § 8 paragraph 1 and § 10 paragraph 2) of the Ordinance on Facilities for Handling Substances Hazardous to Water 1, 2 (AwSV).

SECTION 13: Disposal considerations

- **Waste treatment methods**

- **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- **Uncleaned packaging:**

- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- **UN number or ID number**

- **ADR, IMDG, IATA**

UN1950

- **UN proper shipping name**

- **ADR**

1950 AEROSOLS

- **IMDG**

AEROSOLS

- **IATA**

AEROSOLS, flammable

- **Transport hazard class(es)**

- **ADR**



- **Class**

2 5F Gases.

- **Label**

2.1

(Contd. on page 11)

GB



Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 17.02.2022

Version number 1.1 (replaces version 1.0)

Revision: 17.02.2022

Trade name: Oilfino Oelfleckenentferner

(Contd. of page 10)

· **IMDG, IATA**



· **Class** 2.1 Gases.
· **Label** 2.1

· **Packing group**
· **ADR, IMDG, IATA** not regulated

· **Environmental hazards:** Not applicable.

· **Special precautions for user** Warning: Gases.
· **Hazard identification number (Kemler code):** -
· **EMS Number:** F-D,S-U
· **Stowage Code** SW1 Protected from sources of heat.
SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
SG69 For AEROSOLS with a maximum capacity of 1 litre:
Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.
For AEROSOLS with a capacity above 1 litre:
Segregation as for the appropriate subdivision of class 2.
For WASTE AEROSOLS:
Segregation as for the appropriate subdivision of class 2.

· **Maritime transport in bulk according to IMO instruments** Not applicable.

· **Transport/Additional information:**

· **ADR**
· **Limited quantities (LQ)** 1L
· **Excepted quantities (EQ)** Code: E0
Not permitted as Excepted Quantity

(Contd. on page 12)



Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 17.02.2022

Version number 1.1 (replaces version 1.0)

Revision: 17.02.2022

Trade name: Oilfino Oelfleckenentferner

(Contd. of page 11)

· Transport category	2
· Tunnel restriction code	D

· IMDG	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
· UN "Model Regulation":	UN 1950 AEROSOLS, 2.1

SECTION 15: Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture: (Substances not listed)**

None of the ingredients is listed.

- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category P3a** FLAMMABLE AEROSOLS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 150 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
- **National regulations:**
- **VOC (EU)** 445.3-<949 g/l
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information**Disclaimer**

This safety data sheet contains only safety relevant information. The information is based on the state of our knowledge at the time of revision, however, it does not constitute a guarantee of product properties, product information or product specifications and does not establish a contractual legal relationship. This document is only valid in its unchanged form. In the event of changes by third parties, the exhibitor accepts no responsibility for form and content or for any damages or claims arising from such changes. The information is not transferable to other products. If the product named in this safety data sheet is mixed, blended or processed with other materials or is subjected to processing, the information in this safety data sheet cannot be transferred to the new material produced in this way, unless expressly stated otherwise. The data sheet does not release the user from the obligation to ensure that he acts in accordance with all regulations in connection with his activity.

(Contd. on page 13)



Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 17.02.2022

Version number 1.1 (replaces version 1.0)

Revision: 17.02.2022

Trade name: Oilfino Oelfleckenentferner

(Contd. of page 12)

· **Relevant phrases**

- H220 Extremely flammable gas.
- H225 Highly flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- EUH066 Repeated exposure may cause skin dryness or cracking.

· **Department issuing SDS:** Quality Management department

· **Contact:** MSDS authorized Person

· **Abbreviations and acronyms:**

- ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- 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)
- DNEL: Derived No-Effect Level (REACH)
- PNEC: Predicted No-Effect Concentration (REACH)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- Flam. Gas 1A: Flammable gases – Category 1A
- Aerosol 1: Aerosols – Category 1
- Press. Gas (Comp.): Gases under pressure – Compressed gas
- Flam. Liq. 2: Flammable liquids – Category 2
- Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
- STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

· *** Data compared to the previous version altered.**