



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

### 1.1 Product identifier

Trade name: Oberflaechen-Finish Aerosol

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

General use: Care product

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

Company name: EUROTECH Maier Ernst GmbH

Street/POB-No.: Herrschaftswiesen 5

Postal Code, city: 6842 Koblach

Austria

WWW: [www.eurotech.at](http://www.eurotech.at)

E-mail: [office@eurotech.at](mailto:office@eurotech.at)

Telephone: +43 (0)5523 53852

Telefax: +43 (0)5523 53852 4

Dept. responsible for information:

Telephone: +43 (0)5523 53852, Email: [office@eurotech.at](mailto:office@eurotech.at)

### 1.4 Emergency telephone number

Giftzentrale Wien, Telephone: +43 (0)1-4064343

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to EC regulation 1272/2008 (CLP)

Aerosol 1; H222; H229 Extremely flammable aerosol. Pressurised container: May burst if heated.  
(EUH066) Repeated exposure may cause skin dryness or cracking.

### 2.2 Label elements

#### Labelling (CLP)



Signal word:

**Danger**

Hazard statements:

H222

Extremely flammable aerosol.

H229

Pressurised container: May burst if heated.

EUH066

Repeated exposure may cause skin dryness or cracking.

**SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No. 2015/830

Revision date: 23/1/2019  
Version: 9  
Language: en-GB,IE  
Date of print: 28/8/2019**Oberflaechen-Finish Aerosol**

Page: 2 of 10

## 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.
- P242 Use only non-sparking tools.
- P251 Do not pierce or burn, even after use.
- P261 Avoid breathing spray.
- P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
- P501 Dispose of contents/container to hazardous or special waste collection point.

**2.3 Other hazards**

Inhalation causes narcotic effects/intoxication.  
Contact with the liquid may lead to eye and skin irritation.  
Exposure to temperatures exceeding 50 °C will increase pressure: resulting in danger of bursting or explosion.  
In use, may form flammable/explosive vapour-air mixture.

## Results of PBT and vPvB assessment:

No data available

**SECTION 3: Composition / information on ingredients**

3.1 Substances: not applicable

**3.2 Mixtures**

Chemical characterisation: Preparation of active ingredients with propellant

## Hazardous ingredients:

| Ingredient                            | Designation                                      | Content   | Classification                                  |
|---------------------------------------|--|-----------|---|
| EC No.<br>265-150-3<br>CAS 64742-48-9 | Naphtha (petroleum),<br>hydrotreated heavy, pure | 20 - 30 % | Asp. Tox. 1; H304. (EUH066).                    |
| EC No.<br>203-448-7<br>CAS 106-97-8   | n-Butane, pure                                   | 10 - 20 % | Flam. Gas 1; H220. Liquef. Gas; H280.           |
| EC No.<br>200-857-2<br>CAS 75-28-5    | Isobutane, pure                                  | 1 - 10 %  | Flam. Gas 1; H220. Compr. Gas; H280.            |
| EC No.<br>200-827-9<br>CAS 74-98-6    | Propane  | 1 - 10 %  | Flam. Gas 1; H220.<br>Press. Gas (Comp.); H280. |

Full text of H- and EUH-statements: see section 16.



## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- General information: Seek medical assistance when anyone has symptoms apparently due to inhalation or contact with skin or eyes.  
First aider: Pay attention to self-protection!
- In case of inhalation: Move victim to fresh air, put at rest and loosen restrictive clothing. If the casualty has difficulty breathing, call a doctor immediately.  
In case of irregular breathing or respiratory arrest provide artificial respiration. If victim is at risk of losing consciousness, position and transport on their side.
- Following skin contact: Change contaminated clothing. After contact with skin, wash immediately with soap and plenty of water.  
In case of skin reactions, consult a physician.
- After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.
- After swallowing: Swallowing is not regarded as a possible way of exposition.

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

- In case of inhalation: Inhalation causes narcotic effects/intoxication.  
The following symptoms may occur: Nausea, drowsiness, headache, agitation, fatigue, dizziness, unconsciousness. Danger of serious damage to health by prolonged exposure.
- After contact with skin:  
May cause irritations. Repeated exposure may cause skin dryness or cracking.
- After eye contact: Irritation and redness may occur.

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

- Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media:  
Extinguishing powder, carbon dioxide.
- Extinguishing media which must not be used for safety reasons:  
Full water jet

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

- Extremely flammable. With air, vapours form potentially explosive mixtures, which are heavier than air. Beware of reignition.  
May form dangerous gases and vapours in case of fire.  
In case of fire may be liberated: Carbon monoxide and carbon dioxide.

### 5.3 Advice for firefighters

- Special protective equipment for firefighters:  
Wear self-contained breathing apparatus. Suitable protective clothing.
- Additional information: Hazchem-Code: -  
Cool endangered containers with water spray and, if possible, remove from danger zone.  
Heating causes rise in pressure with risk of bursting.  
Use water spray jet to knock down vapours.  
Do not allow fire water to penetrate into surface or ground water.



## SECTION 6: Accidental release measures

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

Eliminate all ignition sources if safe to do so.  
Avoid contact with the substance.  
Wear appropriate protective equipment. Keep unprotected people away.  
Do not breathe vapour/aerosol. Provide adequate ventilation.

### 6.2 Environmental precautions

Do not allow to penetrate into soil, waterbodies or drains.

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

Take up with non-flammable, liquid binding material (e.g. sand/earth/diatomaceous earth/vermiculit) and perform disposal according to instructions. Thoroughly clean surrounding area.  
In case of greater quantities: Collect mechanically (use only explosion-proof equipment when pumping out).

Additional information: Use explosion-proof equipment and non-sparking tools/utensils.

### 6.4 Reference to other sections

Refer additionally to section 8 and 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed.  
Avoid contact with skin and eyes. Do not breathe vapour/aerosol.  
Wear appropriate protective equipment.

Precautions against fire and explosion:

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on naked flames or any incandescent material.  
Use only non-sparking tools. Keep away from sources of ignition - No smoking.  
Take precautionary measures against static discharges.

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

Requirements for storerooms and containers:

Keep container tightly closed in a cool, well-ventilated place.  
Protect from heat and direct sunlight.

Hints on joint storage: Do not store together with combustible or self-igniting materials or any highly flammable solids.  
Keep away from food, drink and animal feedingstuffs.

### 7.3 Specific end use(s)

No information available.



## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Occupational exposure limit values:

| CAS No.    | Designation                                   | Type  | Limit value   |
|------------|---|---|---|
| 64742-48-9 | Naphtha (petroleum), hydrotreated heavy, pure | Great Britain: WEL-TWA  | 1200 mg/m <sup>3</sup><br>(> or = C7, Normal and branched chain alkanes)  |
| 106-97-8   | n-Butane, pure                                | Great Britain: WEL-TWA<br>Great Britain: WEL-STEL<br>Great Britain: WEL-TWA<br>Ireland: 8 hours | 800 mg/m <sup>3</sup> (> or = C7, Cycloalkanes)<br>1810 mg/m <sup>3</sup> ; 750 ppm<br>1450 mg/m <sup>3</sup> ; 600 ppm<br>1000 ppm |
| 75-28-5    | Isobutane, pure                               | Ireland: 15 minutes   | 1000 ppm  |
| 74-98-6    | Propane                                       | Ireland: 8 hours  | 1000 ppm  |

### 8.2 Exposure controls

Provide good ventilation and/or an exhaust system in the work area.

### Personal protection equipment

#### Occupational exposure controls

- Respiratory protection:** Respiratory protection must be worn whenever the WEL levels have been exceeded. Use filter type A (= against vapours of organic substances) according to EN 14387.  
The following applies to propane in general:  
If the concentration is exceeded, closed-circuit breathing apparatus must be used!  
Have a breathing apparatus that is not dependent on the circulating air ready for emergencies.
- Hand protection:** Protective gloves according to EN 374.  
Glove material: Nitrile rubber.  
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
- Eye protection:** Tightly sealed goggles according to EN 166.
- Body protection:** Solvent-resistant protective clothing.
- General protection and hygiene measures:**  
Keep away from heat sources, sparks and open flames.  
When using do not eat, drink or smoke.  
Change contaminated clothing.  
Wash hands before breaks and after work.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Appearance:** Form: Aerosol  
Colour: yellow
- Odour:** almost odourless
- Odour threshold:** No data available
- pH value:** No data available

**SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No. 2015/830

Revision date: 23/1/2019  
Version: 9  
Language: en-GB,IE  
Date of print: 28/8/2019**Oberflaechen-Finish Aerosol**

Page: 6 of 10

|  |   |
|--|---|
| Melting point/freezing point:            | No data available   |
| Initial boiling point and boiling range: | No data available   |
| Flash point/flash point range:           | -60 °C  |
| Evaporation rate:                        | No data available   |
| Flammability:                            | Extremely flammable.  |
| Explosion limits:                        | LEL (Lower Explosion Limit): 1.40 Vol-%<br>UEL (Upper Explosive Limit): 32.00 Vol-% |
| Vapour pressure:                         | 4100 hPa  |
| Vapour density:                          | No data available   |
| Density:                                 | 0.75 g/mL   |
| Water solubility:                        | insoluble   |
| Partition coefficient: n-octanol/water:  | No data available   |
| Auto-ignition temperature:               | No data available   |
| Decomposition temperature:               | No data available   |
| Viscosity, kinematic:                    | No data available   |
| Explosive properties:                    | Product is not explosive. Potentially explosive vapour/air mixtures may form.       |
| Oxidizing characteristics:               | No data available   |

**9.2 Other information**

Ignition temperature: 510 °C

**SECTION 10: Stability and reactivity****10.1 Reactivity**Extremely flammable aerosol.  
Vapours can form explosive mixtures with air.**10.2 Chemical stability**

Stable under recommended storage conditions.

**10.3 Possibility of hazardous reactions**Container under pressure.  
Heating will lead to pressure increase: Danger of bursting and explosion.**10.4 Conditions to avoid**Keep away from heat sources, sparks and open flames.  
Protect from direct exposure to sunlight and temperatures exceeding 50 °C.**10.5 Incompatible materials**

Oxidising agent

**10.6 Hazardous decomposition products**In case of fire may be liberated: Carbon monoxide and carbon dioxide.  
Thermal decomposition: No data available



## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Toxicological effects: Acute toxicity (oral): Lack of data.  
Acute toxicity (dermal): Lack of data.  
Acute toxicity (inhalative): Lack of data.  
Skin corrosion/irritation: Lack of data.  
Serious eye damage/irritation: Lack of data.  
Sensitisation to the respiratory tract: Lack of data.  
Skin sensitisation: Lack of data.  
Germ cell mutagenicity/Genotoxicity: Lack of data.  
Carcinogenicity: Lack of data.  
Reproductive toxicity: Lack of data.  
Effects on or via lactation: Lack of data.  
Specific target organ toxicity (single exposure): Lack of data.  
Specific target organ toxicity (repeated exposure): Lack of data.  
Aspiration hazard: Lack of data.

### Symptoms

In case of inhalation: Inhalation causes narcotic effects/intoxication.  
The following symptoms may occur: Nausea, drowsiness, headache, agitation, fatigue, dizziness, unconsciousness. Danger of serious damage to health by prolonged exposure.  
After contact with skin:  
May cause irritations. Repeated exposure may cause skin dryness or cracking.  
After eye contact: Irritation and redness may occur.

## SECTION 12: Ecological information

### 12.1 Toxicity

Further details: No data available

### 12.2 Persistence and degradability

Further details: Biodegradation: Poorly biodegradable.

### 12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water:  
No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

No data available

### 12.6 Other adverse effects

General information: Do not allow to enter into ground-water, surface water or drains.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Product**

Waste key number: 16 05 04\* = Gases in pressure containers (including halons) containing hazardous substances

\* = Evidence for disposal must be provided.

Recommendation: Dispose of waste according to applicable legislation.  
Do not dispose of with household waste.  
Do not open with force or incinerate, even when empty.

**Contaminated packaging**

Waste key number: 15 01 10\* = packaging containing residues of or contaminated by dangerous substances.  
\* = Evidence for disposal must be provided.

Recommendation: Dispose of waste according to applicable legislation.  
Empty carefully and completely, if possible.

**SECTION 14: Transport information****14.1 UN number**

ADR/RID, IMDG, IATA-DGR:  
UN 1950

**14.2 UN proper shipping name**

ADR/RID, IMDG: UN 1950, AEROSOLS  
IATA-DGR: UN 1950, AEROSOLS, flammable

**14.3 Transport hazard class(es)**

ADR/RID: Class 2, Code: 5F  
IMDG: Class 2, Subrisk -, see SP63  
IATA-DGR: Class 2.1

**14.4 Packing group**

ADR/RID, IATA-DGR: not applicable  
IMDG: -

**14.5 Environmental hazards**

Marine pollutant: no



**Oberflaechen-Finish Aerosol****14.6 Special precautions for user****Land transport (ADR/RID)**

|  |   |
|--|---|
| Warning board:                               | ADR: UN number UN 1950<br>RID: Kemmler-number 23, UN number UN 1950 |
| Hazard label:                                | 2.1   |
| Special provisions:                          | 190 327 344 625   |
| Limited quantities:                          | 1 L   |
| EQ:  | E0  |
| Contaminated packaging - Instructions:       | P207 LP200  |
| Contaminated packaging - Special provisions: | PP87 RR6 L2   |
| Special provisions for packing together:     | MP9   |
| Tunnel restriction code:                     | D   |

**Sea transport (IMDG)**

|  |                                  |
|--|----------------------------------|
| EmS:                                   | F-D, S-U                         |
| Special provisions:                    | 63, 190, 277, 327, 344, 381, 959 |
| Limited quantities:                    | See SP277                        |
| Excepted quantities:                   | E0                               |
| Contaminated packaging - Instructions: | P207, LP200                      |
| Contaminated packaging - Provisions:   | PP87, L2                         |
| IBC - Instructions:                    | -                                |
| IBC - Provisions:                      | -                                |
| Tank instructions - IMO:               | -                                |
| Tank instructions - UN:                | -                                |
| Tank instructions - Provisions:        | -                                |
| Stowage and handling:                  | SW1 SW22                         |
| Segregation:                           | SG69                             |
| Properties and observations:           | -                                |
| Segregation group:                     | none                             |

**Air transport (IATA)**

|   |  |
|---|--|
| Hazard label:                           | Flamm. gas                                   |
| Excepted Quantity Code:                 | E0   |
| Passenger and Cargo Aircraft: Ltd.Qty.: | Pack.Instr. Y203 - Max. Net Qty/Pkg. 30 kg G |
| Passenger and Cargo Aircraft:           | Pack.Instr. 203 - Max. Net Qty/Pkg. 75 kg    |
| Cargo Aircraft only:                    | Pack.Instr. 203 - Max. Net Qty/Pkg. 150 kg   |
| Special provisions:                     | A145 A167 A802                               |
| Emergency Response Guide-Code (ERG):    | 10L  |

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

No data available

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations - Great Britain**

|               |                   |
|---------------|-------------------|
| Hazchem-Code: | -                 |
|               | No data available |



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No. 2015/830

Revision date: 23/1/2019  
Version: 9  
Language: en-GB,IE  
Date of print: 28/8/2019

## Oberflaechen-Finish Aerosol

Page: 10 of 10

### National regulations - EC member states

Volatile organic compounds (VOC):

50 % by weight = 374 g/L

### 15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

## SECTION 16: Other information

### Further information

Wording of the H-phrases under paragraph 2 and 3:

H220 = Extremely flammable gas.

H222 = Extremely flammable aerosol.

H229 = Pressurised container: May burst if heated.

H280 = Contains gas under pressure; may explode if heated.

H304 = May be fatal if swallowed and enters airways.

EUH066 = Repeated exposure may cause skin dryness or cracking.

Reason of change: IATA-DGR 2019

Date of first version: 14/4/2010

### Department issuing data sheet

Contact person: see section 1: Dept. responsible for information

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.