

Safety data sheet according to (EU) 2015/830

Printing date 12.11.2018

Version number 1.1

Revision: 12.11.2018

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

1.1 Product identifier**Trade name:** AIR FILTER OIL 206**1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.**Application of the substance / the mixture**

Air filter oil

Only for proper handling.

1.3 Details of the supplier of the safety data sheet**Manufacturer/Supplier:**

BUCHER AG LANGENTHAL
MOTOREX-Schmiertechnik
Bern-Zürich-Strasse 31
CH-4901 Langenthal
Telefon +41 (0)62 919 75 75

Only representative in EU:

MOTOREX Deutschland AG, Bismarckstrasse 28, D-69198 Schriesheim

Further information obtainable from: msds@motorex.com**1.4 Emergency telephone number:**

In case of a medical emergency following exposure to a chemical, the public should call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24 (UK only).

SECTION 2: Hazards identification

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

Flam. Liq. 2 H225 Highly flammable liquid and vapour.

STOT SE 3 H336 May cause drowsiness or dizziness.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

Hazard pictograms

GHS02 GHS07 GHS08 GHS09

Signal word Danger**Hazard-determining components of labelling:**Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics
ethylbenzene**Hazard statements**

H225 Highly flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

(Contd. on page 2)

GB

Safety data sheet according to (EU) 2015/830

Printing date 12.11.2018

Version number 1.1

Revision: 12.11.2018

Trade name: AIR FILTER OIL 206

(Contd. of page 1)

H411 Toxic to aquatic life with long lasting effects.

- **Precautionary statements**

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P240 Ground and bond container and receiving equipment.
- P241 Use explosion-proof [electrical/ventilating/lighting] equipment.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
- P331 Do NOT induce vomiting.
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **2.3 Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**

- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

| | | |
|---------------------------|--|--------|
| EC number: 920-750-0 | Hydrocarbons, C7-C9, n-alkanes, isoalkanes, | 25-50% |
| Reg.nr.: 01-2119473851-33 | cyclics Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H336 | |

- **Regulation (EC) No 648/2004 on detergents / Labelling for contents**

| | |
|------------------------|------|
| aliphatic hydrocarbons | ≥30% |
|------------------------|------|

- **Additional information:**

Note L: The classification as carcinogen does not apply because the mixture (or substance) contains less than 3% dimethyl sulfoxide extract (DMSO), measured according to IP 346. For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**

- **General information:** Immediately remove any clothing soiled by the product.

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.

- **After skin contact:**

Remove contaminated clothing immediately.
Immediately rinse with water.

- **After eye contact:** Rinse opened eye for several minutes under running water.

- **After swallowing:**

Consult a physician who will decide on need and method of emptying the stomach.
Do not induce vomiting. Do not take in resorption stimulating agents.

- **4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

(Contd. on page 3)

Safety data sheet according to (EU) 2015/830

Printing date 12.11.2018

Version number 1.1

Revision: 12.11.2018

Trade name: AIR FILTER OIL 206

(Contd. of page 2)

- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**
No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.
- **Additional information**
Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of reignition has passed.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
- **6.4 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

- **7.1 Precautions for safe handling**
Avoid dehydration; when rewetted the resin volume may increase and cause rupture of the packaging as well as of equipment.
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Keep container tightly sealed.
Store in cool, dry conditions in well sealed receptacles.

(Contd. on page 4)

Safety data sheet according to (EU) 2015/830

Printing date 12.11.2018

Version number 1.1

Revision: 12.11.2018

Trade name: AIR FILTER OIL 206

(Contd. of page 3)

- **Storage class:** 3
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

- **8.1 Control parameters**

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

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **DNELs**

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

| | | |
|------------|--|----------------------------------|
| Oral | DNEL/general population/Systemic effects/Long-term | 699 mg/kg/24h (consumer) |
| Dermal | DNEL / Workers / Systemic effects / Long-term | 773 mg/kg/24h (worker) |
| | DNEL/general population/Systemic effects/Long-term | 699 mg/kg/24h (consumer) |
| Inhalative | DNEL / Workers / Systemic effects / Long-term | 2,035 mg/m ³ (worker) |
| | DNEL/general population/Systemic effects/Long-term | 608 mg/m ³ (consumer) |

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

- **8.2 Exposure controls**

- **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.

Do not inhale gases / fumes / aerosols.

- **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.

Not necessary if room is well-ventilated.

Respiratory protection if formation of aerosol or mist: use mask with filter type A2, A2/P2 or ABEK.

- **Protection of hands:**

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

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

- **Material of gloves**

Protective gloves to EN374, resistant to oil in use. Standard EN 374 Level 3 control G1

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.

Fluorocarbon rubber (Viton)

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.4 mm

- **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.

(Contd. on page 5)

Safety data sheet according to (EU) 2015/830

Printing date 12.11.2018

Version number 1.1

Revision: 12.11.2018

Trade name: AIR FILTER OIL 206

(Contd. of page 4)

For the mixture of chemicals mentioned below the penetration time has to be at least 60 minutes (Permeation according to EN 374 Part 3: Level 1).

· **Eye protection:**

safety goggles

· **Body protection:** Protective work clothing

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**· **General Information**· **Appearance:**

| | |
|-------------------------|-----------------|
| Form: | Fluid |
| Colour: | Blue |
| Odour: | Solvent-like |
| Odour threshold: | Not determined. |

· **pH-value:** Not determined.· **Change in condition**

| | |
|---|-------------------------|
| Melting point/freezing point: | Undetermined. |
| Initial boiling point and boiling range: | 82 °C (DIN EN ISO 3405) |

· **Flash point:** 12 °C· **Flammability (solid, gas):** Not applicable.· **Ignition temperature:** 310 °C (DIN 51794)· **Decomposition temperature:** Not determined.· **Auto-ignition temperature:** Product is not selfigniting.· **Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.· **Explosion limits:**

| | |
|---------------|-----------|
| Lower: | 0.9 Vol % |
| Upper: | 6.8 Vol % |

· **Vapour pressure at 20 °C:** 30 hPa· **Density at 20 °C:** 0.81 g/cm³ (ASTM D 4052)· **Relative density** Not determined.· **Vapour density** Not determined.· **Evaporation rate** Not determined.· **Solubility in / Miscibility with water:**

Not miscible or difficult to mix.

· **Partition coefficient: n-octanol/water:** Not determined.· **Viscosity:**

| | |
|-------------------|---|
| Dynamic: | Not determined. |
| Kinematic: | 15.5 mm ² /s @ 40 °C (DIN 51562-1) |
| VOC (EC) | 50.04- < 50.07 % |

· **Solids content:** 0.0 %

(Contd. on page 6)

Safety data sheet

according to (EU) 2015/830

Printing date 12.11.2018

Version number 1.1

Revision: 12.11.2018

Trade name: AIR FILTER OIL 206

(Contd. of page 5)

· 9.2 Other information

No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
Can be distilled without decomposing at normal pressure.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** With strong oxidisers.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**
None known. Complete combustion will give carbon dioxide and water.
- **Additional information:** The product is highly flammable.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:

| | | |
|------|------|--------------------|
| Oral | LD50 | >2,000 mg/kg (rat) |
|------|------|--------------------|

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

| | | |
|------------|-----------|-------------------------|
| Oral | LD50 | 8 ml/kg (rat) |
| Dermal | LD50 | 4 ml/kg (rat) |
| | LD50 | 2,800-3,100 mg/kg (rat) |
| Inhalative | LC50 / 4h | 23.3 mg/l (rat) |
| | NOAEC | 5.8-24.3 mg/l (rat) |

- **Primary irritant effect:**
- **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.
- **Respiratory or skin sensitisation**
Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **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**
May be fatal if swallowed and enters airways.

GB

(Contd. on page 7)

Safety data sheet according to (EU) 2015/830

Printing date 12.11.2018

Version number 1.1

Revision: 12.11.2018

Trade name: AIR FILTER OIL 206

(Contd. of page 6)

SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity:

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

| | |
|-------|---|
| EC50 | 0.23 mg/l/21d (aquatic invertebrates) |
| EC50 | 0.64 mg/l/48h (aquatic invertebrates) |
| LL50 | 3-10 mg/l/96h (fish) |
| LL50 | 10-30 mg/l/72h (fish) |
| LL50 | 10-30 mg/l/48h (fish) |
| LL50 | 30-100 mg/l/24h (fish) |
| LL0 | 3 mg/l/96h (fish) |
| EL50 | 13 mg/l/96h (algae / cyanobacteria) |
| EL50 | 4.6-10 mg/l/48h (aquatic invertebrates) |
| | 10-30 mg/l/48h (algae / cyanobacteria) |
| EL50 | 10-22 mg/l/24h (aquatic invertebrates) |
| | 10-30 mg/l/24h (algae / cyanobacteria) |
| EL50 | 10-30 mg/l/72h (algae / cyanobacteria) |
| ELO | 4.6 mg/l/48h (aquatic invertebrates) |
| ELO | 10 mg/l/24h (aquatic invertebrates) |
| NOEC | 0.17 mg/l/21d (aquatic invertebrates) |
| NOELR | 0.574 mg/l/28d (fish) |
| NOELR | 1 mg/l/21d (aquatic invertebrates) |
| NOELR | 6.3 mg/l/96h (algae / cyanobacteria) |
| LOEC | 0.32 mg/l/72h (aquatic invertebrates) |

· 12.2 Persistence and degradability No further relevant information available.

· 12.3 Bioaccumulative potential

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

| | |
|------------------|--|
| Biodegradability | 98 % (28d) (Biodegradability) (OECD 301 F) |
|------------------|--|

· 12.4 Mobility in soil No further relevant information available.

· Ecotoxicological effects:

· **Remark:** Toxic for fish

· Additional ecological information:

· General notes:

Water hazard class 2 (according to Appendix 1 AWSV): significantly hazardous to water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

· 12.5 Results of PBT and vPvB assessment

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· 12.6 Other adverse effects No further relevant information available.

GB

(Contd. on page 8)

Safety data sheet according to (EU) 2015/830

Printing date 12.11.2018

Version number 1.1

Revision: 12.11.2018

Trade name: AIR FILTER OIL 206

(Contd. of page 7)

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation**

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

Contact waste processors for recycling information.

· **European waste catalogue**

| | |
|----------|--------------------------------|
| 16 01 99 | wastes not otherwise specified |
|----------|--------------------------------|

· **Uncleaned packaging:**

· **Recommendation:**

Disposal must be made according to official regulations.

Discharged containers can contain flammable or explosive vapours.

SECTION 14: Transport information

· **14.1 UN-Number**

· **ADR/RID/ADN, IMDG, IATA** UN3295

· **14.2 UN proper shipping name**

| | |
|----------------------|--|
| · ADR/RID/ADN | 3295 HYDROCARBONS, LIQUID, N.O.S., ENVIRONMENTALLY HAZARDOUS |
| · IMDG | HYDROCARBONS, LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated light), MARINE POLLUTANT |
| · IATA | HYDROCARBONS, LIQUID, N.O.S. |

· **14.3 Transport hazard class(es)**

· **ADR/RID/ADN**



· **Class** 3 (F1) Flammable liquids.
· **Label** 3

· **IMDG**



· **Class** 3 Flammable liquids.
· **Label** 3

· **IATA**



· **Class** 3 Flammable liquids.
· **Label** 3

(Contd. on page 9)

GB

Safety data sheet according to (EU) 2015/830

Printing date 12.11.2018

Version number 1.1

Revision: 12.11.2018

Trade name: AIR FILTER OIL 206

(Contd. of page 8)

| | |
|---|---|
| · 14.4 Packing group · ADR/RID/ADN, IMDG, IATA | II |
| · 14.5 Environmental hazards: · Marine pollutant: · Special marking (ADR/RID/ADN): | Product contains environmentally hazardous substances: Naphtha (petroleum), hydrotreated light Yes Symbol (fish and tree) Symbol (fish and tree) |
| · 14.6 Special precautions for user · Danger code (Kemler): · EMS Number: · Stowage Category | Warning: Flammable liquids. 33 F-E,S-D B |
| · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| · Transport/Additional information: | |
| · ADR/RID/ADN · Limited quantities (LQ) · Excepted quantities (EQ) | 1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml |
| · Transport category · Tunnel restriction code | 2 D/E |
| · IMDG · Limited quantities (LQ) · Excepted quantities (EQ) | 1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml |
| · UN "Model Regulation": | UN 3295 HYDROCARBONS, LIQUID, N.O.S., 3, II, ENVIRONMENTALLY HAZARDOUS |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category**
E2 Hazardous to the Aquatic Environment
P5c FLAMMABLE LIQUIDS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **UFI Code** F7XF-9EW0-H00M-EXMW

(Contd. on page 10)

GB

Safety data sheet according to (EU) 2015/830

Printing date 12.11.2018

Version number 1.1

Revision: 12.11.2018

Trade name: AIR FILTER OIL 206

(Contd. of page 9)

· **15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The classification of the mixture was carried out by calculation in accordance with the rules laid down in Annex I of Regulation (EC) No 1272/2008.

No special training instructions to ensure protection of human health and environment are required.

· **Relevant phrases**

H225 Highly flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

· **Department issuing SDS: Abteilung Produktsicherheit**

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport 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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2