

# US Material Safety Data Sheet AIR FILTER OIL Spray 655 (US Variante)

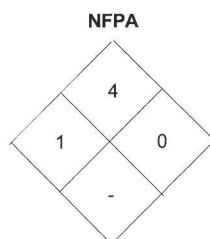
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Company BUCHER AG LANGENTHAL, MOTOREX-Schmiertechnik, CH-4901 Langenthal, Switzerland

## 1 Commercial product name and supplier

1.1 Commercial product name / Designation **AIR FILTER OIL Spray 655 (US Variante)**

3610 00 33



| HMIS |   |
|------|---|
| H    | 1 |
| F    | 4 |
| R    | 0 |
| C    | - |

1.2 Application / Use Cleansing and maintenance agent

1.3 Producer BUCHER AG LANGENTHAL, MOTOREX-Schmiertechnik, CH-4901 Langenthal, Schweiz, T. +41 (0)62 919 7575

1.4 Supplier MOTOREX USA, 900 Mendelssohn Ave. N, Golden Valley, MN 55427, USA, +1 763-417-1377

1.5 24 Hour Emergency Assistance USA + Canada: 1 800 424 9300 (Chemtrec Chemical Manufacturers Association, Arlington, VA 22209)

General MSDS Assistance

1.6 Product No.

## 2 Composition

2.1 Chemical characterization Mineral oil, paraffinic  
Propane/butane (propellant)  
Petrol fraction (aromatics <0,5%)  
Synthetic polymers

2.2 Hazardous components Components contributing to hazard:

CAS No. 64742-49-0 15-25 % Naphtha, hydrogenated, light: benzene < 0.1%  
Xn: Harmful. F: Highly flammable. N: Dangerous for the environment. R11: Highly flammable. R38: Irritating to skin. R65: Harmful: may cause lung damage if swallowed. R67: Vapours may cause drowsiness and dizziness. R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
MAK values : 1440 mg/m3

CAS No. 64742-48-9 15-25 % Aliphatic hydrocarbons, benzene < 0.1 %  
Xn: Harmful. R65: Harmful: may cause lung damage if swallowed. R66: Repeated exposure may cause skin dryness or cracking.  
MAK values : 1200 mg/m3

CAS No. 67-64-1 5-10 % 2-Propanone (Acetone)  
Xi: Irritant. F: Highly flammable. R11: Highly flammable. R36: Irritating to eyes. R66: Repeated exposure may cause skin dryness or cracking. R67: Vapours may cause drowsiness and dizziness.  
MAK values : 1200 mg/m3

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CAS No. 74-98-6 / 10 20-40 % Propane/Butane-Mixture (20/80)

F+: Extremely flammable. R12: Extremely flammable.

MAK values : 1800 mg/m3

## 2.3 Further information

### 3 Hazards identification

Extremely flammable. Harmful: may cause lung damage if swallowed. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Can is under pressure. Protect from direct sunlight and temperatures above 50°C (122°F). Do not pierce or burn can after use. Do not spray towards flame or incandescent object.

Keep away from sources of ignition - No smoking. Keep out of the reach of children.

### 4 First aid measures

No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

#### 4.1 Eye contact

Flush eyes with plenty of water.

#### 4.2 Skin contact

Remove residues with soap and water.

#### 4.3 Ingestion

#### 4.4 Inhalation

Take into fresh air.

#### 4.5 Further information

### 5 Fire-fighting measures

#### 5.1 Suitable extinguishing media

Carbon dioxide, dry chemical and protein based foam.

#### 5.2 Extinguishing media to avoid

Water spray.

Test method:

#### 5.3 Flash point

Pressurized gas

#### 5.4 Ignition temperature

#### 5.5 Explosion limits

Lower: 2.1 Vol%  
Upper: 9.5 Vol% ((1013 mbar))

#### 5.6 Further information

None.

### 6 Accidental release measures

Remove or keep away from sources of ignition.

Ensure adequate venting.

Spills should be contained by, and covered with suitable absorbent material and removed for disposal.

### 7 Handling and storage

#### 7.1 Handling

Do not spray towards flame or incandescent object.

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Keep away from sources of ignition - No smoking.

7.2 Industrial hygiene

Avoid breathing mists.

7.3 Storage

Keep out of the reach of children.

Protect from direct sunlight and temperatures above 50°C (122°F).

7.4 Place of storage

7.5 Fire- and explosion-protection

Use only if ventilation is good.

## 8 Exposure controls / Personal protection

8.1 Exposure controls

Good general ventilation should be sufficient for most processing operations.

8.2 Exposure limit values

None established for the mixture.

8.3 Occupational exposure controls

8.3.1 Respiratory protection

None required.

8.3.2 Hand protection

None required.

8.3.3 Eye protection

None required.

8.3.4 Other

8.4 Environmental exposure controls

## 9 Physical and chemical properties

9.1 Appearance

liquified gas

9.2 Colour

blue

9.3 Odour

solvent

9.4 Change of physical state

Test method:

9.5 Density

0.702 g/cm<sup>3</sup> (20°C)

ASTM D 4052

9.6 Vapour pressure

3200 mbar (20°C)

9.7 Viscosity

<1 mm<sup>2</sup>/s (40°C)

DIN 51562-1

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## 9.8 Solubility

in water

partially miscible

## 9.9 pH

not applicable

## 9.10 Further information

Part. coeff. n-octanol/water

Evaporat. rate

## 10 Stability and reactivity

### 10.1 Thermal decomposition

Stable under recommended storage conditions.

### 10.2 Hazardous decomposition products

None under normal conditions of storage and use.

### 10.3 Conditions / materials to avoid

No hazards known.

### 10.4 Further information

## 11 Toxicological information

### 11.1 Acute toxicity

No relevant information found.

### 11.2 Subacute / Chronic toxicity

### 11.3 Further information

## 12 Ecological information

### 12.1 Ecotoxicity

### 12.2 Mobility

### 12.3 Persistence and degradability

### 12.4 Bioaccumulative potential

### 12.5 Further information

Water Hazard Class (Germany): Class 2 (self assessment):  
hazardous for water.

## 13 Disposal considerations

Comply with local and national regulations.

## 14 Transport information

### 14.1 Transport at land

ADR

2

RID

2

UN Number 1950

Packing Group

Kemler Number

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|      |                     |  |                             |         |
|------|---------------------|--|-----------------------------|---------|
| 14.2 | Transport at sea    | Proper shipping name   | AEROSOLS                    |         |
|      |                     | ADNR   | IMDG                        | 2       |
|      |                     | UN Number  | 1950                        |         |
|      |                     | EMS  | F-D, S-U                    | MFAG    |
|      |                     | Packing Group  |                             |         |
| 14.3 | Air transport       | Proper shipping name   | Aerosols, flammable, n.o.s. |         |
|      |                     | Marine pollutant   |                             |         |
|      |                     | ICAO / IATA-DGR  | 2.1                         |         |
|      |                     | UN Number  | 1950                        |         |
|      |                     | Proper shipping name   | Aerosols, flammable, n.o.s. |         |
|      |                     | Subsidiary Risk  |                             |         |
|      |                     | Labels   | Flammable gas               |         |
|      |                     | Packing Group  |                             |         |
|      |                     | Passenger airplane   | Packing Instructions        | Y203    |
|      |                     |  | max.                        | 30 kg G |
| 14.4 | Further information | Cargo Airplane   | Packing Instructions        | 203     |
|      |                     |  | max.                        | 75 kg   |
|      |                     | The product is classified for transportation.<br>U.S. DOT hazard classification: ORM-D. Carton must bear ORM-D marking and orientation arrows. |                             |         |

## 15 Regulatory information

Classification according to EEC criteria.

15.1 National regulations

15.2 NFPA Storage

15.3 Further information

## 16 Other information

No other information.

*The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications do not have the meaning of guarantees on properties.*

