

## ATF- Spezial

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

#### 1.1. Product identifier

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

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

|                         |  |                                    |
|-------------------------|--|------------------------------------|
| Company name:           | Vierol AG  |                                    |
| Street:                 | Karlstrasse 19   |                                    |
| Place:                  | D-26123 Oldenburg  |                                    |
| Telephone:              | +49 (0) 441 – 210 20 – 0                                     | Telefax: +49 (0) 441 – 210 20 –111 |
| e-mail:                 | info@vierol.de   |                                    |
| Internet:               | www.vierol.de  |                                    |
| Responsible Department: | Giftinformationszentrum Nord (Göttingen)<br>+49 (0)551/19240 |                                    |

### SECTION 2: Hazards identification

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

##### Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

#### 2.2. Label elements

#### 2.3. Other hazards

No information available.

The product contains less than 3% DMSO extract (method IP346). A classification as a carcinogen with R45 is deleted. (Note L)

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Preparation of base oils and additives.

##### Hazardous components

| CAS No     | Chemical name   |              |                  | Quantity |
|------------|---|--------------|------------------|----------|
|            | EC No   | Index No     | REACH No         |          |
|            | Classification according to Regulation (EC) No. 1272/2008 [CLP]               |              |                  |          |
| 64742-54-7 | Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic |              |                  | 50-100 % |
|            | 265-157-1   | 649-467-00-8 | 01-2119484627-25 |          |
|            | Asp. Tox. 1; H304   |              |                  |          |

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

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

Self-protection of the first aider Take off contaminated clothing and wash it before reuse. Do not put any product-impregnated cleaning rags into your trouser pockets.

##### After inhalation

Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. Medical treatment necessary.

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**After contact with skin**

Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. IF ON SKIN: Wash with plenty of soap and water.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water.

**After ingestion**

Rinse mouth immediately and drink plenty of water.

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

No information available.

**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**

Co-ordinate fire-fighting measures to the fire surroundings. Carbon dioxide (CO<sub>2</sub>) Dry extinguishing powder. Foam.

**Unsuitable extinguishing media**

Full water jet

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

Non-flammable. In case of fire may be liberated: Carbon dioxide (CO<sub>2</sub>) Carbon monoxide Sulphur oxides Phosphorus oxides Hydrogen sulphide (H<sub>2</sub>S)

**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes.

**Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Wear suitable protective clothing.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers).

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

**6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

No special measures are necessary.

**Advice on protection against fire and explosion**

Fire class B

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**Further information on handling**

Preventive skin protection by use of skin-protecting agents is recommended.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed.

**Advice on storage compatibility**

No special measures are necessary.

## SECTION 8: Exposure controls/personal protection

**8.1. Control parameters****DNEL/DMEL values**

| CAS No                   | Substance   |        |                       |
|--------------------------|---|--------|-----------------------|
| DNEL type                | Exposure route  | Effect | Value                 |
| 64742-54-7               | Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic |        |                       |
| Worker DNEL, long-term   | inhalation  | local  | 5,4 mg/m <sup>3</sup> |
| Consumer DNEL, long-term | inhalation  | local  | 1,2 mg/m <sup>3</sup> |

**PNEC values**

| CAS No                    | Substance   |  |
|---------------------------|---|--|
| Environmental compartment | Value   |  |
| 64742-54-7                | Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic |  |
| Secondary poisoning       | 9,33 mg/kg  |  |

**8.2. Exposure controls****Protective and hygiene measures**

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

**Eye/face protection**

Wear eye protection/face protection.

**Hand protection**

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

**Skin protection**

Wear suitable protective clothing.

**Respiratory protection**

In case of inadequate ventilation wear respiratory protection.

## SECTION 9: Physical and chemical properties

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

|                 |                |
|-----------------|----------------|
| Physical state: | Liquid         |
| Colour:         | red            |
| Odour:          | characteristic |

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## Test method

|  |                                   |
|--|-----------------------------------|
| pH-Value:                                | not determined                    |
| <b>Changes in the physical state</b>     |                                   |
| Melting point:                           | not determined                    |
| Initial boiling point and boiling range: | >340 °C DIN 51751                 |
| Pour point:                              | -45 °C ISO 3016                   |
| Flash point:                             | 228 °C DIN ISO 2592               |
| <b>Flammability</b>                      |                                   |
| Solid:                                   | not applicable                    |
| Gas:                                     | not applicable                    |
| Lower explosion limits:                  | not determined                    |
| Upper explosion limits:                  | not determined                    |
| <b>Auto-ignition temperature</b>         |                                   |
| Solid:                                   | not applicable                    |
| Gas:                                     | not applicable                    |
| Decomposition temperature:               | not determined                    |
| <b>Oxidizing properties</b>              |                                   |
| Not oxidising.                           |                                   |
| Vapour pressure:<br>(at 20 °C)           | not determined                    |
| Density (at 20 °C):                      | 0,844 g/cm <sup>3</sup> DIN 51757 |
| Water solubility:                        | practically insoluble             |
| <b>Solubility in other solvents</b>      |                                   |
| not determined                           |                                   |
| Partition coefficient:                   | not determined                    |
| Viscosity / kinematic:<br>(at 40 °C)     | 37,3 mm <sup>2</sup> /s DIN 51562 |
| Vapour density:                          | not determined                    |
| Evaporation rate:                        | not determined                    |
| <b>9.2. Other information</b>            |                                   |
| Solid content:                           | not determined                    |

## SECTION 10: Stability and reactivity

**10.1. Reactivity**

No hazardous reaction when handled and stored according to provisions.

**10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

No known hazardous reactions.

**10.4. Conditions to avoid**

Oxidising agent, strong

**10.5. Incompatible materials**

No information available.

**10.6. Hazardous decomposition products**

No known hazardous decomposition products.

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## SECTION 11: Toxicological information

**11.1. Information on toxicological effects****Acute toxicity**

| CAS No     | Chemical name   |               |         |        |                          |
|------------|---|---------------|---------|--------|--------------------------|
|            | Exposure route  | Dose          | Species | Source | Method                   |
| 64742-54-7 | Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic |               |         |        |                          |
|            | oral  | LD50<br>mg/kg | >5000   | Rat    | ECHA Dossier<br>OECD 401 |
|            | dermal  | LD50<br>mg/kg | >2000   | Rabbit | ECHA Dossier<br>OECD 402 |

**Additional information on tests**

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

## SECTION 12: Ecological information

**12.1. Toxicity**

The product is not: Ecotoxic.

**12.2. Persistence and degradability**

The product has not been tested.

| CAS No     | Chemical name   |       |    |              |
|------------|---|-------|----|--------------|
|            | Method  | Value | d  | Source       |
|            | Evaluation  |       |    |              |
| 64742-54-7 | Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic |       |    |              |
|            | OECD 301F/ ISO 9408/ EEC 92/69/V, C.4-D                                       | 31%   | 28 | ECHA Dossier |
|            | Not readily biodegradable (according to OECD criteria)                        |       |    |              |
|            | OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C                                       | 2-4%  | 28 | ECHA Dossier |
|            | Not readily biodegradable (according to OECD criteria)                        |       |    |              |

**12.3. Bioaccumulative potential**

The product has not been tested.

**12.4. Mobility in soil**

The product has not been tested.

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

The product has not been tested.

**12.6. Other adverse effects**

No information available.

**Further information**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

## SECTION 13: Disposal considerations

**13.1. Waste treatment methods****Advice on disposal**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

**Waste disposal number of waste from residues/unused products**

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130205 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated engine, gear and lubricating oils; hazardous waste

### Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

## SECTION 14: Transport information

### Land transport (ADR/RID)

**14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

### Inland waterways transport (ADN)

**14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

### Marine transport (IMDG)

**14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

### Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

### 14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

## SECTION 15: Regulatory information

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

#### National regulatory information

Water contaminating class (D): 2 - clearly water contaminating

### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information

### Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

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(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 Harmonized 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

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

**Relevant H and EUH statements (number and full text)**

May be fatal if swallowed and enters airways.

**Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*