

# Safety data sheet

## according to 1907/2006/EC, Article 31



Printing date 19.09.2023

Version number 4.1 (replaces version 4.0)

Revision: 19.09.2023

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

#### 1.1 Product identifier

Trade name: **OEM TWIN AIR BIO LIQUID POWER**

#### 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:

MOTOREX AG

Bern–Zürich–Strasse 31, Postfach

CH–4901 Langenthal

Tel. +41 (0)62 919 75 75

www.motorex.com

Further information obtainable from: [msds@motorex.com](mailto: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.

Skin Irrit. 2      H315 Causes skin irritation.

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 GB CLP regulation.

##### Hazard pictograms



GHS02   GHS07   GHS08   GHS09

##### Signal word Danger

##### Hazard-determining components of labelling:

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

Hydrocarbons, C7, n-alkanes, Isoalkanes, cyclenes

Hydrocarbons, C6, isoalkanes, <5% of n-hexane

##### Hazard statements

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

H411 Toxic to aquatic life with long lasting effects.

##### Precautionary statements

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

P102      Keep out of reach of children.

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- P103 Read carefully and follow all instructions.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P241 Use explosion-proof [electrical/ventilating/lighting] equipment.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
P321 Specific treatment (see on this label).  
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].  
P362+P364 Take off contaminated clothing and wash it before reuse.  
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 Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

#### · **Dangerous components:**

|                                                            |                                                                                                                                                                                    |          |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| EC number: 921-024-6<br>Reg.nr.: 01-2119475514-35          | Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics,<br><5% n-hexane<br>Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic<br>Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3,<br>H336 | 25-50%   |
| EC number: 927-510-4<br>Reg.nr.: 01-2119475515-33-<br>xxxx | Hydrocarbons, C7, n-alkanes, Isoalkanes, cyclenes<br>Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic<br>Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3,<br>H336                    | ≥20-<25% |
| EC number: 931-254-9<br>Reg.nr.: 01-2119484651-34          | Hydrocarbons, C6, isoalkanes, <5% of n-hexane<br>Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic<br>Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3,<br>H336                        | ≥10-<20% |

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

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

- **Additional information:** 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:** In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed**
- No further relevant information available.

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- **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:**  
CO<sub>2</sub>, 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.

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

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## SECTION 8: Exposure controls/personal protection

### 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, C6, isoalkanes, <5% of n-hexane

|            |                                                    |                            |
|------------|----------------------------------------------------|----------------------------|
| Oral       | DNEL/general population/Systemic effects/Long-term | 1,301 mg/kg/24h (consumer) |
| Dermal     | DNEL / Workers / Systemic effects / Long-term      | 13,964 mg/kg/24h (worker)  |
|            | DNEL/general population/Systemic effects/Long-term | 1,377 mg/kg/24h (consumer) |
| Inhalative | DNEL / Workers / Systemic effects / Long-term      | 5,306 mg/m3 (worker)       |
|            | DNEL/general population/Systemic effects/Long-term | 1,131 mg/m3 (consumer)     |

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

### 8.2 Exposure controls

**Appropriate engineering controls** No further data; see section 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.

Do not inhale gases / fumes / aerosols.

Avoid contact with the skin.

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.

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.

#### Hand protection

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

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



safety goggles

**Body protection:** Protective work clothing

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### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

|                                                          |                                       |
|----------------------------------------------------------|---------------------------------------|
| <b>General Information</b>                               |                                       |
| Physical state                                           | Fluid                                 |
| Colour:                                                  | Dark green                            |
| Odour:                                                   | Solvent-like                          |
| Odour threshold:                                         | Not determined.                       |
| Melting point/freezing point:                            | Undetermined.                         |
| Boiling point or initial boiling point and boiling range | 65 °C (DIN EN ISO 3405)               |
| Flammability                                             | Highly flammable.                     |
| Lower and upper explosion limit                          |                                       |
| Lower:                                                   | 1 Vol %                               |
| Upper:                                                   | 7.3 Vol %                             |
| Flash point:                                             | -20 °C                                |
| Auto-ignition temperature:                               | 250 °C (DIN 51794)                    |
| Decomposition temperature:                               | Not determined.                       |
| pH                                                       | Not determined.                       |
| Viscosity:                                               |                                       |
| Kinematic viscosity                                      | 7.1 mm <sup>2</sup> /s @ 40 °C        |
| Consistency                                              |                                       |
| Dynamic:                                                 | Not determined.                       |
| Solubility                                               |                                       |
| water:                                                   | Not miscible or difficult to mix.     |
| Partition coefficient n-octanol/water (log value)        | Not determined.                       |
| Heat Capacity                                            |                                       |
| Vapour pressure at 20 °C:                                | 1.9 hPa                               |
| Density and/or relative density                          |                                       |
| Density at 20 °C:                                        | 0.781 g/cm <sup>3</sup> (ASTM D 4052) |
| Relative density                                         | Not determined.                       |
| Vapour density                                           | Not determined.                       |

#### 9.2 Other information

|                                                                               |                                                                                             |
|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| Appearance:                                                                   |                                                                                             |
| Form:                                                                         | Fluid                                                                                       |
| Important information on protection of health and environment, and on safety. |                                                                                             |
| Explosive properties:                                                         | Product is not explosive. However, formation of explosive air/vapour mixtures are possible. |
| Change in condition                                                           |                                                                                             |
| Evaporation rate                                                              | Not determined.                                                                             |

#### Information with regard to physical hazard classes

|                                       |                                     |
|---------------------------------------|-------------------------------------|
| Explosives                            | Void                                |
| Flammable gases                       | Void                                |
| Aerosols                              | Void                                |
| Oxidising gases                       | Void                                |
| Gases under pressure                  | Void                                |
| Flammable liquids                     | Highly flammable liquid and vapour. |
| Flammable solids                      | Void                                |
| Self-reactive substances and mixtures | Void                                |
| Pyrophoric liquids                    | Void                                |
| Pyrophoric solids                     | Void                                |
| Self-heating substances and mixtures  | Void                                |

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- |                                                                                    |      |
|------------------------------------------------------------------------------------|------|
| · <b>Substances and mixtures, which emit flammable gases in contact with water</b> | Void |
| · <b>Oxidising liquids</b>                                                         | Void |
| · <b>Oxidising solids</b>                                                          | Void |
| · <b>Organic peroxides</b>                                                         | Void |
| · <b>Corrosive to metals</b>                                                       | Void |
| · <b>Desensitised explosives</b>                                                   | Void |

### SECTION 10: Stability and reactivity

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

### SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

#### · **LD/LC50 values relevant for classification:**

##### **Hydrocarbons, C7, n-alkanes, Isoalkanes, cyclenes**

|            |           |                              |
|------------|-----------|------------------------------|
| Oral       | LD50      | 8 ml/kg (rat)                |
| Dermal     | LD50      | 4 ml/kg (rat)                |
|            | LD50      | 2,800-3,100 mg/kg (rat)      |
|            | NOEL      | 200-2,000 mg/kg/24h (rabbit) |
|            | NOAEL     | 375-3,750 mg/kg/24h (rat)    |
| Inhalative | LC50 / 4h | 23.3 mg/l (rat)              |
|            | NOAEC     | 9.84-20 mg/l (rat)           |

##### **Hydrocarbons, C6, isoalkanes, <5% of n-hexane**

|            |           |                       |
|------------|-----------|-----------------------|
| Oral       | LD50      | 25 ml/kg (rat)        |
| Dermal     | LD50      | 5 ml/kg (rabbit)      |
| Inhalative | LC50 / 4h | 73,860 ppm (rat)      |
|            | NOAEC     | 8,992 ppm (mouse)     |
|            | LOAEC     | 2,984-8,992 ppm (rat) |

- **Skin corrosion/irritation** Causes skin irritation.
- **STOT-single exposure** May cause drowsiness or dizziness.
- **Aspiration hazard** May be fatal if swallowed and enters airways.
- **11.2 Information on other hazards**

#### · **Endocrine disrupting properties**

|          |                                                    |              |
|----------|----------------------------------------------------|--------------|
| 540-97-6 | Dodecamethylcyclotetrasiloxane                     | List II      |
| 541-02-6 | 2,2,4,4,6,6,8,8,10,10-decamethylcyclopentasiloxane | List II      |
| 556-67-2 | octamethylcyclotetrasiloxane                       | List II; III |

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### SECTION 12: Ecological information

#### 12.1 Toxicity

##### Aquatic toxicity:

##### Hydrocarbons, C7, n-alkanes, Isoalkanes, cyclenes

|       |                                         |
|-------|-----------------------------------------|
| EC50  | 0.23 mg/l/21d (aquatic invertebrates)   |
| EC50  | 0.64 mg/l/48h (aquatic invertebrates)   |
| LL50  | 8.2-13.4 mg/l/96h (fish)                |
| EL50  | 3.7-13 mg/l/96h (algae / cyanobacteria) |
| EL50  | 3-4.5 mg/l/48h (aquatic invertebrates)  |
|       | 10-30 mg/l/48h (algae / cyanobacteria)  |
| EL50  | 12 mg/l/24h (aquatic invertebrates)     |
|       | 10-30 mg/l/24h (algae / cyanobacteria)  |
| EL50  | 3.1-30 mg/l/72h (algae / cyanobacteria) |
| EL50  | 10 mg/l/21d (fish)                      |
| EL0   | 2 mg/l/48h (aquatic invertebrates)      |
| EL0   | 10 mg/l/24h (aquatic invertebrates)     |
| NOEC  | 0.17 mg/l/21d (aquatic invertebrates)   |
| NOELR | 1-16 mg/l/28d (aquatic invertebrates)   |
|       | 1.534 mg/l/28d (fish)                   |
| NOELR | 2.6 mg/l/21d (fish)                     |
| NOELR | 0.5-10 mg/l/72h (algae / cyanobacteria) |
| NOELR | 0.5 mg/l/48h (aquatic invertebrates)    |
| LOEC  | 0.32 mg/kg/28d (aquatic invertebrates)  |

##### Hydrocarbons, C6, isoalkanes, <5% of n-hexane

|       |                                        |
|-------|----------------------------------------|
| LL50  | 18.27 mg/l/96h (fish)                  |
| EL50  | 31.9 mg/l/48h (aquatic invertebrates)  |
| EL50  | 13.56 mg/l/72h (algae / cyanobacteria) |
| NOELR | 4.089 mg/l/28d (fish)                  |
| NOELR | 7.138 mg/l/21d (aquatic invertebrates) |
| NOELR | 3.034 mg/l/72h (algae / cyanobacteria) |

12.2 Persistence and degradability No further relevant information available.

#### 12.3 Bioaccumulative potential

##### Hydrocarbons, C7, n-alkanes, Isoalkanes, cyclenes

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

##### Hydrocarbons, C6, isoalkanes, <5% of n-hexane

|                       |                                             |
|-----------------------|---------------------------------------------|
| Partition coefficient | 3.6 [---] (log Kow) (Bioaccumulation)       |
| Biodegradability      | >80 % (28d) (Biodegradability) (OECD 301 F) |

12.4 Mobility in soil No further relevant information available.

#### 12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

#### 12.6 Endocrine disrupting properties

For information on endocrine disrupting properties see section 11.

#### 12.7 Other adverse effects

Remark: Toxic for fish

#### Additional ecological information:

##### General notes:

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

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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

### 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.

Return product and/or partially emptied container in original packaging to the point of sale or hand it over to a collection point for special waste.

##### 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 or ID number

##### ADR/RID/ADN, IMDG, IATA

UN3295

#### 14.2 UN proper shipping name

##### ADR/RID/ADN

3295 HYDROCARBONS, LIQUID, N.O.S.,  
 ENVIRONMENTALLY HAZARDOUS, special  
 provision 640D

##### IMDG

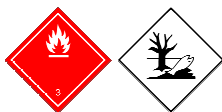
HYDROCARBONS, LIQUID, N.O.S., MARINE  
 POLLUTANT

##### 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

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## · IATA



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

· **14.4 Packing group**  
 · **ADR/RID/ADN, IMDG, IATA** II

· **14.5 Environmental hazards:** Product contains environmentally hazardous substances: Hydrocarbons C6-C7, n-alkanes, iso-alkanes, cyclenes, <5% n-hexane  
 · **Marine pollutant:** Symbol (fish and tree)  
 · **Special marking (ADR/RID/ADN):** Symbol (fish and tree)

· **14.6 Special precautions for user** Warning: Flammable liquids.  
 · **Hazard identification number (Kemler code):** 33  
 · **EMS Number:** F-E, S-D  
 · **Stowage Category** B

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

## · Transport/Additional information:

· **ADR/RID/ADN**  
 · **Limited quantities (LQ)** 1L  
 · **Excepted quantities (EQ)** Code: E2  
 Maximum net quantity per inner packaging: 30 ml  
 Maximum net quantity per outer packaging: 500 ml  
 · **Transport category** 2  
 · **Tunnel restriction code** D/E

· **IMDG**  
 · **Limited quantities (LQ)** 1L  
 · **Excepted quantities (EQ)** 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

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- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has 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.

- **purity requirement**

- **Relevant phrases**

H225 Highly flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

- **Department issuing SDS:** Abteilung Produktsicherheit

- **Abbreviations and acronyms:**

Flam. Liq. 2: Flammable liquids – Category 2

Skin Irrit. 2: Skin corrosion/irritation – 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

- **\* Data compared to the previous version altered.**

### Annex: Exposure scenario 1

- **Short title of the exposure scenario**

Industrial use of lubricants and greases in vehicles or machinery

- **Sector of Use**

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

- **Product category**

PC16 Heat transfer fluids

PC17 Hydraulic fluids

PC24 Lubricants, greases, release products

- **Process category**

PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.

PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions

PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities

PROC9 Transfer of substance or mixture into small containers (dedicated filling line, including weighing)

- **Environmental release category**

ERC4 Use of non-reactive processing aid at industrial site (no inclusion into or onto article)

ERC7 Use of functional fluid at industrial site

- **Description of the activities / processes covered in the Exposure Scenario**

See section 1 of the annex to the Safety Data Sheet.

- **Conditions of use**

- **Duration and frequency** 5 workdays/week.

- **Physical parameters**

- **Physical state** Fluid

- **Concentration of the substance in the mixture** The substance is main component.

- **Other operational conditions**

- **Other operational conditions affecting environmental exposure** No special measures required.

- **Other operational conditions affecting consumer exposure** Not required.

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# Safety data sheet

## according to 1907/2006/EC, Article 31



Printing date 19.09.2023

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**Trade name: OEM TWIN AIR BIO LIQUID POWER**

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- **Other operational conditions affecting consumer exposure during the use of the product**  
Not applicable.
- **Risk management measures**
- **Worker protection**
- **Organisational protective measures** No special measures required.
- **Technical protective measures** No special measures required.
- **Personal protective measures** No special measures required.
- **Measures for consumer protection** No special measures required.
- **Environmental protection measures**
- **Air** No special measures required.
- **Water** No special measures required.
- **Disposal measures**  
Disposal must be made according to official regulations.  
Ensure that waste is collected and contained.
- **Disposal procedures** Dispose of product residues with household waste.
- **Waste type** Partially emptied and uncleaned packaging
- **Exposure estimation**
- **Consumer** Not relevant for this Exposure Scenario.
- **Guidance for downstream users** No further relevant information available.

### Annex: Exposure scenario 2

- **Short title of the exposure scenario**  
Professional use of lubricants and greases in vehicles or machines
- **Sector of Use**  
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Product category**  
PC16 Heat transfer fluids  
PC17 Hydraulic fluids  
PC24 Lubricants, greases, release products
- **Process category**  
PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.  
PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions  
PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities  
PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities  
PROC20 Use of functional fluids in small devices
- **Environmental release category**  
ERC9a Widespread use of functional fluid (indoor)  
ERC9b Widespread use of functional fluid (outdoor)
- **Description of the activities / processes covered in the Exposure Scenario**  
See section 1 of the annex to the Safety Data Sheet.
- **Conditions of use**
- **Duration and frequency** 5 workdays/week.
- **Physical parameters**
- **Physical state** Fluid
- **Concentration of the substance in the mixture** The substance is main component.
- **Other operational conditions**
- **Other operational conditions affecting environmental exposure** No special measures required.
- **Other operational conditions affecting consumer exposure** Not required.
- **Other operational conditions affecting consumer exposure during the use of the product**  
Not applicable.
- **Risk management measures**
- **Worker protection**
- **Organisational protective measures** No special measures required.

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# Safety data sheet

## according to 1907/2006/EC, Article 31



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**Trade name: OEM TWIN AIR BIO LIQUID POWER**

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- **Technical protective measures** No special measures required.
- **Personal protective measures** No special measures required.
- **Measures for consumer protection** No special measures required.
- **Environmental protection measures**
- **Air** No special measures required.
- **Water** No special measures required.
- **Disposal measures**  
Disposal must be made according to official regulations.  
Ensure that waste is collected and contained.
- **Disposal procedures** Dispose of product residues with household waste.
- **Waste type** Partially emptied and uncleaned packaging
- **Exposure estimation**
- **Consumer** Not relevant for this Exposure Scenario.
- **Guidance for downstream users** No further relevant information available.

### Annex: Exposure scenario 3

- **Short title of the exposure scenario** Private use of lubricants and greases in vehicles or machines
- **Sector of Use** SU21 Consumer uses: Private households / general public / consumers
- **Product category** PC24 Lubricants, greases, release products
- **Environmental release category**  
ERC9a Widespread use of functional fluid (indoor)  
ERC9b Widespread use of functional fluid (outdoor)
- **Description of the activities / processes covered in the Exposure Scenario**  
See section 1 of the annex to the Safety Data Sheet.
- **Conditions of use**
- **Duration and frequency** 5 workdays/week.
- **Physical parameters**
- **Physical state** Fluid
- **Concentration of the substance in the mixture** The substance is main component.
- **Other operational conditions**
- **Other operational conditions affecting environmental exposure** No special measures required.
- **Other operational conditions affecting consumer exposure** Not required.
- **Other operational conditions affecting consumer exposure during the use of the product**  
Not applicable.
- **Risk management measures**
- **Worker protection**
- **Organisational protective measures** No special measures required.
- **Technical protective measures** No special measures required.
- **Personal protective measures** No special measures required.
- **Measures for consumer protection** No special measures required.
- **Environmental protection measures**
- **Air** No special measures required.
- **Water** No special measures required.
- **Disposal measures**  
Disposal must be made according to official regulations.  
Ensure that waste is collected and contained.
- **Disposal procedures** Dispose of product residues with household waste.
- **Waste type** Partially emptied and uncleaned packaging
- **Exposure estimation**
- **Consumer** Not relevant for this Exposure Scenario.
- **Guidance for downstream users** No further relevant information available.