

**Safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date 22.02.2018

Version number 6

Revision: 22.02.2018

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**• **1.1 Product identifier**• **Trade name:** **VIKING SAE 30**  
**SAE 30**• **Article number:**0781 309 0011, 0781 309 0012, 0781 309 0013, 0781 309 0014, 0781 309 0017, 0781 309 2001,  
0781 309 2002, 0781 309 2003, 0781 309 2004• **1.2 Relevant identified uses of the substance or mixture and uses advised against**• **Sector of Use**

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

SU21 Consumer uses: Private households / general public / consumers

• **Product category** PC24 Lubricants, greases, release products• **Process category** PROC18 General greasing /lubrication at high kinetic energy conditions• **Technical function** Lubricating agent• **Application of the substance / the mixture** Motor Oil• **1.3 Details of the supplier of the safety data sheet**• **Manufacturer/Supplier:**

VIKING GmbH

Hans Peter Stihl-Straße 5

A-6336 Langkampfen/Kufstein

Tel.: +43(0)5372-6972-298

Fax: +43(0)5372-61183-298

Email: [information@viking.at](mailto:information@viking.at)

ANDREAS STIHL AG &amp; Co. KG

Badstraße 115

D-71336 Waiblingen

Tel.: +49(0)7151-26-3237

Fax: +49(0)7151-26-8-3237

Email: [info@stihl.com](mailto:info@stihl.com)• **Informing department:**

Produktmanagement VIKING GmbH

Tel.: +43(0) 5372-6972-338

Produktmanagement Forsttechnik

Tel.: +49(0)7151-26-3237

Fax: +49(0)7151-26-832337

• **1.4 Emergency telephone number:**

+43(0) 5372-6972-338 (09:00 - 17:00)

Information for transport: Tel.: +49-621-60-43333 Fax: +49-621-60-92664

**SECTION 2: Hazards identification**• **2.1 Classification of the substance or mixture**• **Classification according to Regulation (EC) No 1272/2008**

The product is not classified, according to the CLP regulation.

• **2.2 Label elements**• **Labelling according to Regulation (EC) No 1272/2008** Void• **Hazard pictograms** Void• **Signal word** Void• **Hazard statements** Void• **2.3 Other hazards**• **Results of PBT and vPvB assessment**• **PBT:** Not applicable.

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- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Mineral oil emulsive preparation of product-specific addition agents.
- **Dangerous components:** Void
- **Additional information** Highly refined mineral oil (IP 346 DMSO < 3%)

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information** Instantly remove any clothing soiled by the product.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact**  
Generally the product does not irritate the skin.  
Instantly wash with water and soap and rinse thoroughly.
- **After eye contact**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing**  
Do not induce vomiting.  
Rinse mouth.  
Give plenty of water to drink in small sips.  
Seek medical treatment.
- **4.2 Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **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>, extinguishing powder or water jet. Fight larger fires with water jet.
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **5.2 Special hazards arising from the substance or mixture**  
Can be released in case of fire  
Carbon monoxide (CO)
- **5.3 Advice for firefighters**
- **Protective equipment:**  
Do not inhale explosion gases or combustion gases.  
Wear self-contained breathing apparatus.
- **Additional information**  
Use water to keep fire exposed containers cool.  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Particular danger of slipping on leaked/spilled product.
- **6.2 Environmental precautions:** Do not allow to enter drainage system, surface or ground water.

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- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, universal binders) and disposal in suitable containers.  
Should larger amounts of liquid run out stem it and dispose it of.  
Remove from the surface of water (e.g. skim or vacuum off)  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
- **6.4 Reference to other sections** See Section 13 for information on disposal.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
Avoid the formation of oil haze.  
Avoid contact with eyes and skin.
- **Information about protection against explosions and fires:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:**  
Keep away from heat and direct sunlight.  
Prevent any penetration into the ground.  
Keep container tightly closed and store upright to prevent any run out of product.
- **Information about storage in one common storage facility:** Store away from oxidising agents.
- **Further information about storage conditions:** Must be stored in a collecting room.
- **Storage class** 10
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **8.1 Control parameters**
- **Components 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.
- **8.2 Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**  
Do not carry cleaning cloths impregnated with the product in trouser pockets.  
Be sure to clean skin thoroughly after work and before breaks.  
Do not eat, drink or smoke while working.
- **Breathing equipment:** Use breathing protection only when aerosol or mist is formed.
- **Protection of hands:**  
Oil resistant gloves  
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.
- **Penetration time of glove material**  
In case of a layer thickness of 0.4 mm the penetration time is longer than 480 minutes.  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **For the permanent contact gloves made of the following materials are suitable:**  
Nitrile rubber, NBR

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- **Eye protection:** Safety glasses recommended during refilling.
- **Body protection:** Protective work clothing.

### SECTION 9: Physical and chemical properties

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

##### · General Information

##### · Appearance:

<b>Form:</b>	Fluid
<b>Colour:</b>	Brown
<b>Odour:</b>	Mineral-oil-like

##### · Change in condition

**Melting point/freezing point:** Not determined

**Initial boiling point and boiling range:** >300 °C

· **Pour point:** < -24 °C

· **Flash point:** >210 °C (DIN EN ISO 12185)

· **Explosive properties:** Product is not explosive.

· **Vapour pressure:** Not determined.

· **Density at 20 °C** 0.87 g/cm<sup>3</sup> ((DIN 51757))

##### · Solubility in / Miscibility with

**Water:** Not miscible or difficult to mix

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

##### · Viscosity:

**dynamic:** Not determined.

**kinematic at 40 °C:** 70 mm<sup>2</sup>/s (ASTM D 7042)

##### · Solvent content:

**Solids content:** 1.0 %

· **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:

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:** Avoid contact with strong oxidizing agents.

##### · 10.6 Hazardous decomposition products:

None in case of intended use and storage in compliance with instructions.

### SECTION 11: Toxicological information

#### · 11.1 Information on toxicological effects

· **Acute toxicity** Based on available data, the classification criteria are not met.

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- **Primary irritant effect:**
- **Skin corrosion/irritation**  
Longer or repeated contact with the product reduces the natural readipogenesis of the skin and results in the desiccation of the skin. That product can be absorbed via the skin.
- **Serious eye damage/irritation** Splashes can cause temporary eye irritation.
- **Respiratory or skin sensitisation**  
Sensitive persons can possibly have allergic reactions. This is also valid below the fixed levels of exposure.
- **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** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **Other information:** The product is biodegradable.
- **Behaviour in environmental systems:**
- **Components:**  
A product that has flown out can lead to the formation of a film on the water surface which reduces the oxygen exchange and results in the organisms dying-off.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.  
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
The product is suitable for processing by an approved recycling facility or can be disposed of at any government approved waste disposal facility.  
When storing used mineral oil products, ensure that the categories for waste oil and mixing instructions are observed.  
Delivery of waste oil only to officially authorized collectors.  
The waste code numbers mentioned are recommendations based on the probable use of the product.

#### · **European waste catalogue**

13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
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- **Uncleaned packagings:**
- **Recommendation:**  
Dispose of packaging according to regulations on the disposal of packagings.  
Packaging may be reused or recycled after cleaning.

#### SECTION 14: Transport information

- |  |  |
|--|--|
| · <b>14.1 UN-Number</b>  |  |
| · <b>ADR/RID/ADN, ADN, IMDG, IATA</b>  | Void   |
| · <b>14.2 UN proper shipping name</b>  |  |
| · <b>ADR/RID/ADN, ADN, IMDG, IATA</b>  | Void   |
| · <b>14.3 Transport hazard class(es)</b>   |  |
| · <b>ADR/RID/ADN, ADN, IMDG, IATA</b>  |  |
| · <b>Class</b>   | Void   |
| · <b>14.4 Packing group</b>  |  |
| · <b>ADR/RID/ADN, IMDG, IATA</b>   | Void   |
| · <b>14.5 Environmental hazards:</b>   |  |
| · <b>Marine pollutant:</b>   | No   |
| · <b>14.6 Special precautions for user</b>                                       | Not applicable.                                      |
| · <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Not applicable.                                      |
| · <b>Transport/Additional information:</b>                                       | Not dangerous according to the above specifications. |
| · <b>UN "Model Regulation":</b>  | Void   |

#### 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.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

#### SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing data specification sheet:**  
The safety data sheets were drawn up in cooperation with the Umweltkanzlei Dr.Rhein Beratungs- und Prüfgesellschaft mbH, Phone: +49 5066 900990.
- **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

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CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

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

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