

according to Regulation (EC) No 1907/2006

**VELIND Zweitaktöl/Halbsynthetisches Öl 100ml**

Revision date: 09.06.2017

Product code: 31996

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

VELIND Zweitaktöl/Halbsynthetisches Öl 100ml

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**

Fuel additive

**Uses advised against**

No information available. Use(Usage) exclusively according to labelled intended purpose!

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

Company name:	VELIND Aerosol GmbH	
Street:	Passower Chaussee 111	
Place:	D-16303 Schwedt/O	
Telephone:	+49 33 32 / 4 50 88 - 0	Telefax: +49 33 32 / 4 50 88 - 30
e-mail:	info@velind.de	
Contact person:	Witt	Telephone: 18
e-mail:	qs@velind.de	
Internet:	www.velind.de	
Responsible Department:	QS	

**1.4. Emergency telephone**

Emergency Poison Center / GGIZ der Länder Mecklenburg-Vorpommern, Sachsen, Sachsen-Anhalt und Thüringen: +49 3 61 / 7 30 73 -0

**number:****Further Information**Emergency - Phonecalls to +49 (0) 33 32 / 4 50 88 16  
(during office-hours from 8.00 a.m. to 4.00 p.m.)**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****Regulation (EC) No. 1272/2008****Special labelling of certain mixtures**

EUH210 Safety data sheet available on request.

**Additional advice on labelling**

Inhalation causes narcotic effects/intoxication. In use, may form flammable/explosive vapour-air mixture. Take precautionary measures against static discharges. Do not allow to enter into surface water or drains.

**2.3. Other hazards**

In use, may form flammable/explosive vapour-air mixture. Inhalation causes narcotic effects/intoxication.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**

Solvents

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### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
64742-47-8	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics			5 - < 10 %
			01-2119456620-43	
	Asp. Tox. 1; H304 EUH066			

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove contaminated, saturated clothing immediately. First aider: Pay attention to self-protection! Move victim out of danger zone.

#### After inhalation

Provide fresh air. Move victim out of danger zone. In all cases of doubt, or when symptoms persist, seek medical advice.

#### After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse. After contact with skin, wash immediately with plenty of water and soap.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

#### After ingestion

Observe risk of aspiration if vomiting occurs. Rinse mouth immediately and drink plenty of water. Rinse mouth thoroughly with water. Do NOT induce vomiting. Call a physician immediately.

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

The following symptoms may occur::

Intoxication. unconsciousness. Headache. drowsiness. vomiting. Dizziness. Depression of the central nervous system.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically. This information is not available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings. alcohol resistant foam. Water spray. dry extinguishing powder. Water fog.

#### Unsuitable extinguishing media

High power water jet.

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

Non-flammable. Vapours can form explosive mixtures with air. In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop. Vapours are heavier than air and will spread at floor level. Beware of reignition. Special exposure hazards arising from the substance itself, combustion products, resulting gases: Carbon monoxide Carbon dioxide.

### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Special protective equipment for firefighters

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**Additional information**

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Move undamaged containers from immediate hazard area if it can be done safely. Remove according to the regulations.

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

Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear personal protection equipment. Keep away from sources of ignition - No smoking.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains. Provide fresh air. Retain contaminated washing water and dispose it. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

**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. Ventilate affected area. Collect in closed containers for disposal.

**6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

See protective measures under point 7 and 8.

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

Do not breathe gas/fumes/vapour/spray. Use only outdoors or in a well-ventilated area. Keep away from sources of ignition - No smoking. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means. When using do not eat, drink, smoke, sniff. Keep out of the reach of children. Keep away from hot surfaces. Prolonged/repetitive skin contact may cause skin defatting or dermatitis. Read label before use. Observe in addition any national regulations!

**Advice on protection against fire and explosion**

Protect from sunlight. Store in a well-ventilated place. Keep only in the original container in a cool, well-ventilated place.

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

Keep container tightly closed. Maximum storage temperature: 30°C Further information concerning storage conditions: The floor should be leak tight, jointless and not absorbent. Ensure adequate ventilation of the storage area.

**Advice on storage compatibility**

Keep away from: Oxidizing agents. strong alkalis. Strong acid.

**Further information on storage conditions**

Fire class: B

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#### 7.3. Specific end use(s)

Fuel additive

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### **Additional advice on limit values**

Take precautionary measures against static discharges.

#### 8.2. Exposure controls



##### **Appropriate engineering controls**

Provide adequate ventilation as well as local exhaust at critical locations. Exposure controls / Personal protection equipment

##### **Protective and hygiene measures**

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink. When using do not eat, drink, smoke, sniff. Personal protection equipment. Contaminated work clothing should not be allowed out of the workplace. Technical ventilation of workplace.

##### **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. Tested protective gloves are to be worn: 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.

Suitable material: NBR (Nitrile rubber). Butyl rubber.

Thickness of glove material: 0,7mm

Breakthrough times and swelling properties of the material must be taken into consideration.

Protect skin by using skin protective cream. Set out skin protection guidelines.

Apply skin care products after work.

##### **Skin protection**

Wear suitable protective clothing. . . .

##### **Respiratory protection**

In case of inadequate ventilation wear respiratory protection. With correct and proper use, and under normal conditions, breathing protection is not required. Respiratory protection necessary at: exceeding exposure limit values. Filtering device (full mask or mouthpiece) with filter: AP2

##### **Environmental exposure controls**

No information available.

### SECTION 9: Physical and chemical properties

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

Physical state:	liquid
Colour:	clear
Odour:	characteristic

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**Test method**

pH-Value: not determined

**Changes in the physical state**

Melting point: not determined

Initial boiling point and boiling range: > 40 °C

Flash point: >60 °C

**Flammability**

Solid: not applicable

Gas: not applicable

**Explosive properties**

not explosive. In use, may form flammable/explosive vapour-air mixture.

Lower explosion limits: not determined

Upper explosion limits: not determined

Ignition temperature: not determined

**Auto-ignition temperature**

Solid: not applicable

Gas: not applicable

Decomposition temperature: not determined

**Oxidizing properties**

Not oxidising.

Vapour pressure: not determined

Density: 0,88 g/cm<sup>3</sup>

Bulk density: not applicable

Water solubility: The study does not need to be conducted because the substance is known to be insoluble in water

**Solubility in other solvents**

not determined

Partition coefficient: not determined

Viscosity / dynamic: not determined

Vapour density: not determined

Evaporation rate: not determined

**9.2. Other information**

Solid content: not determined

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

The product has not been tested.

**10.2. Chemical stability**

Stable with proper storage and handling.

**10.3. Possibility of hazardous reactions**

No decomposition if used as intended

**10.4. Conditions to avoid**

Refer to chapter 7.

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Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
Take precautionary measures against static discharges.

**10.5. Incompatible materials**

Refer to chapter 7.  
Materials to avoid: Oxidizing agents.

**10.6. Hazardous decomposition products**

Refer to chapter 5.  
No decomposition if used as intended  
In case of fire may be liberated: Carbon monoxide. Carbon dioxide.  
Thermal decomposition can lead to the escape of irritating gases and vapours.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Toxicokinetics, metabolism and distribution**

Mixture not tested. There are no data available on the preparation/mixture itself.

**Acute toxicity**

Based on available data, the classification criteria are not met.  
There are no data available on the mixture itself.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64742-47-8	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics				
	oral	LD50 >2000 mg/kg	Rat		
	dermal	LD50 >2000 mg/kg	Rabbit		
	inhalative vapour	LC50 >2000 mg/l	Rat		

**Irritation and corrosivity**

Based on available data, the classification criteria are not met.  
There are no data available on the mixture itself.

**Sensitising effects**

Based on available data, the classification criteria are not met.  
There are no data available on the mixture itself.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.  
There are no data available on the mixture itself.

**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.  
There are no data available on the mixture itself.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Specific effects in experiment on an animal**

There are no data available on the mixture itself.

**Additional information on tests**

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP]. There are no data available on the mixture itself. No data available

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**Practical experience**
**Observations relevant to classification**

The evaluation based on subjective human observations: May cause drowsiness or dizziness. Headache.

**Further information**

Mixture not tested. There are no data available on the preparation/mixture itself.

**SECTION 12: Ecological information**
**12.1. Toxicity**

Mixture not tested. There are no data available on the preparation/mixture itself.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
64742-47-8	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics					
	Acute fish toxicity	LC50 mg/l	>100	96 h	Oncorhynchus mykiss (Rainbow trout)	
	Acute algae toxicity	ErC50 mg/l	>100	72 h	Pseudokirchneriella subcapitata	
	Acute crustacea toxicity	EC50 mg/l	>100	48 h	Daphnia magna	
	Fish toxicity	NOEC mg/l	0,17	28 d	Oncorhynchus mykiss (Rainbow trout)	
	Crustacea toxicity	NOEC mg/l	1,22	21 d	Daphnia magna	

**12.2. Persistence and degradability**

The product has not been tested. No data available

**12.3. Bioaccumulative potential**

No data available

**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
64742-47-8	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	6 - 8

**12.4. Mobility in soil**

No data available

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

No data available

**12.6. Other adverse effects**

No data available

**Further information**

Avoid release to the environment. Mixture not tested. There are no data available on the preparation/mixture itself.

**SECTION 13: Disposal considerations**
**13.1. Waste treatment methods**
**Advice on disposal**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation. The waste codes are recommendations based on the scheduled use of this products. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances.

(2001/118/EC, 2001/119/EC, 2001/573/EC)

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

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**Waste disposal number of used product**

070604 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; other organic solvents, washing liquids and mother liquors  
Classified as hazardous waste.

**Waste disposal number of contaminated packaging**

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

**Contaminated packaging**

Wash with plenty of water. Completely emptied packages can be recycled. Recommendation: Dispose of waste according to applicable legislation. E.g. Dispose of contents/container to industrial incineration plant. Or: Dispose of this material and its container to hazardous or special waste collection point.  
Do not empty into drains.

**SECTION 14: Transport information**

**Land transport (ADR/RID)**

**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.

**Inland waterways transport (ADN)**

**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.

**Marine transport (IMDG)**

**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

**14.6. Special precautions for user**

Warning: Combustible liquid.

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

No data available

**SECTION 15: Regulatory information**

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

**EU regulatory information**

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

**Additional information**

Labelling for contents according to regulation (EC) No 648/2004, annex 7: No.

**National regulatory information**

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water contaminating class (D): 1 - slightly water contaminating

**15.2. Chemical safety assessment**

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

**SECTION 16: Other information**

**Changes**



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This data sheet contains changes from the previous version in section(s): 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15.

These details refer to the products as it is delivered.

Notice the directions for use on the label.

\* Data changed compared with the previous version

#### 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 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)

H304 May be fatal if swallowed and enters airways.

EUH066 Repeated exposure may cause skin dryness or cracking.

EUH210 Safety data sheet available on request.

#### Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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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.)*