

# Safety Data Sheet

## according to Regulation (EC) No. 1907/2006 (REACH)



**Trade name :** Eni aquamet LAK E – FF; Art.-no. 0633  
**Revision date :** 05.06.2018  
**Print date :** 16.11.2018

**Version :** 1.0.0

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

#### 1.1 Product identifier

Eni aquamet LAK E - FF

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

##### Relevant identified uses

Metal working fluids

##### Uses advised against

No information available.

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

##### Supplier (manufacturer/importer/downstream user/distributor)

Eni Schmiertechnik GmbH

##### Street :

Paradiesstraße 14

##### Postal code/city :

97080 Würzburg

##### Telephone :

(+49) 931-90098-0

##### Telefax :

(+49) 931-98442

##### Information contact :

Technical Department, Tel. (+49) 931 900 98-142

##### email:

[technik.wuerzburg@agip.de](mailto:technik.wuerzburg@agip.de), [www.enischmiertechnik-datenblaetter.de](http://www.enischmiertechnik-datenblaetter.de)

#### 1.4 Emergency Telephone Number

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification according to Regulation (EC) No 1272/2008 [CLP]

Aquatic Chronic 3 ; H412 - Hazardous to the aquatic environment : Chronic 3 ; Harmful to aquatic life with long lasting effects.

Eye Irrit. 2 ; H319 - Serious eye damage/eye irritation : Category 2 ; Causes serious eye irritation.

Skin Irrit. 2 ; H315 - Skin corrosion/irritation : Category 2 ; Causes skin irritation.

#### 2.2 Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

##### Hazard pictograms



Exclamation mark (GHS07)

##### Signal word

Warning

##### Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

##### Precautionary statements

P264 Wash hands thoroughly after handling.

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P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P337+P313 If eye irritation persists: Get medical advice/attention.

### Special rules for supplemental label elements for certain mixtures

EUH208 Contains 3-IODO-2-PROPYNYL BUTYLCARBAMATE ; 1,2-BENZISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

### 2.3 Other hazards

None

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Description

Mixture of substances listed below with nonhazardous additions.

#### Hazardous ingredients

2,2'-(METHYLIMINO)DIETHANOL ; REACH registration No. : 01-2119488970-24-XXXX ; EC No. : 203-312-7; CAS No. : 105-59-9

Weight fraction :  $\geq 1 - < 5 \%$   
Classification 1272/2008 [CLP] : Eye Irrit. 2 ; H319

Sulfonic acids, petroleum, sodium salt ; REACH registration No. : 01-2119527859-22-0001 ; EC No. : 271-781-5; CAS No. : 68608-26-4

Weight fraction :  $\geq 1 - < 5 \%$   
Classification 1272/2008 [CLP] : Eye Irrit. 2 ; H319

2-(2-AMINOETHOXY)-ETHANOL ; REACH registration No. : 01-2119520701-52-0000 ; EC No. : 213-195-4; CAS No. : 929-06-6

Weight fraction :  $\geq 1 - < 3 \%$   
Classification 1272/2008 [CLP] : Skin Corr. 1B ; H314 Eye Dam. 1 ; H318

2-(2-BUTOXYETHOXY)ETHANOL ; REACH registration No. : 01-2119475104-44-0006 ; EC No. : 203-961-6; CAS No. : 112-34-5

Weight fraction :  $\geq 1 - < 5 \%$   
Classification 1272/2008 [CLP] : Eye Irrit. 2 ; H319

Alcohols, C16-18 and C18-unsatd., ethoxylated ; REACH registration No. : 01-2119489407-26 ; EC No. : 500-236-9; CAS No. : 68920-66-1

Weight fraction :  $\geq 1 - < 2,5 \%$   
Classification 1272/2008 [CLP] : Skin Irrit. 2 ; H315 Aquatic Chronic 2 ; H411

Amidpolyglycoether ; REACH registration No. : 01-2119565130-50 ; CAS No. : 85536-23-8

Weight fraction :  $\geq 1 - < 5 \%$   
Classification 1272/2008 [CLP] : Skin Irrit. 2 ; H315 Aquatic Chronic 3 ; H412

3-IODO-2-PROPYNYL BUTYLCARBAMATE ; EC No. : 259-627-5; CAS No. : 55406-53-6

Weight fraction :  $\geq 0,1 - < 0,25 \%$   
Classification 1272/2008 [CLP] : Acute Tox. 3 ; H331 STOT RE 1 ; H372 Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Skin Sens. 1 ; H317 Aquatic Acute 1 ; H400 Aquatic Chronic 1 ; H410

1,2-BENZISOTHIAZOL-3(2H)-ONE ; REACH registration No. : 01-2120761540-60-XXXX ; EC No. : 220-120-9; CAS No. : 2634-33-5

Weight fraction :  $\geq 0,005 - < 0,05 \%$   
Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Skin Irrit. 2 ; H315 Skin Sens. 1 ; H317 Aquatic Acute 1 ; H400

#### Additional information

Full text of H- and EUH-phrases: see section 16.

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### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information

Remove victim out of the danger area. When in doubt or if symptoms are observed, get medical advice.

##### Following inhalation

Remove casualty to fresh air and keep warm and at rest.

##### In case of skin contact

Change contaminated, saturated clothing. After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

##### After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

##### After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

#### 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

First Aid, decontamination, treatment of symptoms.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Foam, Extinguishing powder, Carbon dioxide (CO<sub>2</sub>), Water spray jet, Water mist, Sand,

##### Unsuitable extinguishing media

Strong water jet

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

##### Hazardous combustion products

In case of fire may be liberated: Carbon dioxide (CO<sub>2</sub>), Carbon monoxide, Nitrogen oxides (NO<sub>x</sub>), Smoke and other incomplete combustion products.

#### 5.3 Advice for firefighters

##### Special protective equipment for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

#### 5.4 Additional information

Do not inhale explosion and combustion gases. Use water spray jet to protect personnel and to cool endangered containers. Move undamaged containers from immediate hazard area if it can be done safely. 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

Use personal protection equipment. Avoid contact with skin, eyes and clothes. Wear breathing apparatus if exposed to vapours/dusts/aerosols. Ventilate affected area. Special danger of slipping by leaking/spilling product.

#### 6.2 Environmental precautions

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Cover drains. Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Make sure spills can be contained, e.g. in sump pallets or kerbed areas.  
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

#### For containment

Cover drains. Stop and contain spill/release if it can be done safely. Prevent spread over a wide area (e.g. by containment or oil barriers).

#### For cleaning up

Wipe up with absorbent material (eg. cloth, fleece). Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Take up mechanically, placing in appropriate containers for disposal. Clean contaminated articles and floor according to the environmental legislation.

### 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

Wear personal protection equipment (refer to section 8). Use only in well-ventilated areas. Handle and open container with care. Avoid contact with skin, eyes and clothes. Do not breathe gas/fumes/vapour/spray.

#### Protective measures

##### Measures to prevent fire

Only use the material in places where open light, fire and other flammable sources can be kept away.

##### Environmental precautions

Do not allow to enter into surface water or drains.

#### Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Do not put any product-impregnated cleaning rags into your trouser pockets.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place. Only use containers specifically approved for the substance/product. Protect containers against damage.

#### Hints on joint storage

Keep away from: Oxidizing agent

**Storage class :** 10

**Storage class (TRGS 510) :** 10

#### Do not store together with

Food and feedingstuffs

#### Further information on storage conditions

**Recommended storage temperature :** 20 °C

**Protect against :** Frost Heat. UV-radiation/sunlight

**Storage stability :** Product may be stored for up to 12 months under described conditions.

### 7.3 Specific end use(s)

None

## SECTION 8: Exposure controls/personal protection

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### 8.1 Control parameters

#### Occupational exposure limit values

2-(2-AMINOETHOXY)-ETHANOL ; CAS No. : 929-06-6

Limit value type (country of origin) : TRGS 900 ( D )  
Limit value : 0,2 ppm / 0,87 mg/m<sup>3</sup>  
Peak limitation : 1(I)  
Remark : H, Sh  
Version : 17.10.2017

2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5

Limit value type (country of origin) : TRGS 900 ( D )  
Limit value : 10 ppm / 67 mg/m<sup>3</sup>  
Peak limitation : 1,5(I)  
Remark : Y  
Version : 17.10.2017  
Limit value type (country of origin) : STEL ( EC )  
Limit value : 15 ppm / 101,2 mg/m<sup>3</sup>  
Version : 07.02.2006

Limit value type (country of origin) : TWA ( EC )

Limit value : 10 ppm / 67,5 mg/m<sup>3</sup>  
Version : 07.02.2006

3-IODO-2-PROPYNYL BUTYLCARBAMATE ; CAS No. : 55406-53-6

Limit value type (country of origin) : TRGS 900 ( D )  
Limit value : 0,005 ppm / 0,058 mg/m<sup>3</sup>  
Peak limitation : 2(I)  
Remark : Sh, Y  
Version : 17.10.2017

#### DNEL/DMEL and PNEC values

##### DNEL/DMEL

Limit value type : DNEL worker (systemic) ( 2,2'-(METHYLIMINO)DIETHANOL ; CAS No. : 105-59-9 )  
Exposure route : Dermal  
Exposure frequency : Long-term (repeated)  
Limit value : 19 mg/kg bw/d  
Limit value type : DNEL worker (systemic) ( 2,2'-(METHYLIMINO)DIETHANOL ; CAS No. : 105-59-9 )  
Exposure route : Inhalation  
Exposure frequency : Long-term (repeated)  
Limit value : 26 mg/m<sup>3</sup>  
Limit value type : DNEL worker (local) ( 2-(2-AMINOETHOXY)-ETHANOL ; CAS No. : 929-06-6 )  
Exposure route : Inhalation  
Exposure frequency : Long-term (repeated)  
Limit value : 0,67 mg/m<sup>3</sup>  
Limit value type : DNEL worker (systemic) ( 2-(2-AMINOETHOXY)-ETHANOL ; CAS No. : 929-06-6 )  
Exposure route : Dermal  
Exposure frequency : Long-term (repeated)  
Limit value : 7,3 mg/kg bw/d  
Limit value type : DNEL worker (systemic) ( 2-(2-AMINOETHOXY)-ETHANOL ; CAS No. : 929-06-6 )  
Exposure route : Inhalation  
Exposure frequency : Short-term (acute)  
Limit value : 1,12 mg/m<sup>3</sup>  
Limit value type : DNEL worker (systemic) ( 2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5 )  
Exposure route : Dermal  
Exposure frequency : Long-term (repeated)

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Limit value : 20 mg/kg  
Limit value type : DNEL worker (systemic) ( 2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5 )  
Exposure route : Inhalation  
Exposure frequency : Long-term (repeated)  
Limit value : 67,5 mg/m<sup>3</sup>

### Remark

The DNEL may differ from an Occupational Exposure Limit (OEL) for the same chemical. OELs are considered to be safe exposure levels for a typical worker in an occupational setting for an 8-hour work shift, 40 hour work week, as a time weighted average (TWA) or a 15 minute short-term exposure limit (STEL). The Derived No Effect Level (DNEL) is an estimated safe level of exposure that is derived from toxicity data in accord with specific guidance within the European REACH regulation.

### PNEC

Limit value type : PNEC (Aquatic, freshwater) ( 2,2'-(METHYLIMINO)DIETHANOL ; CAS No. : 105-59-9 )  
Limit value : 0,1 mg/l  
Limit value type : PNEC (Aquatic, marine water) ( 2,2'-(METHYLIMINO)DIETHANOL ; CAS No. : 105-59-9 )  
Limit value : 0,0045 mg/l  
Limit value type : PNEC (Sediment, freshwater) ( 2,2'-(METHYLIMINO)DIETHANOL ; CAS No. : 105-59-9 )  
Limit value : 0,78 mg/kg  
Limit value type : PNEC soil, freshwater ( 2,2'-(METHYLIMINO)DIETHANOL ; CAS No. : 105-59-9 )  
Limit value : 0,097 mg/kg  
Limit value type : PNEC (Sewage treatment plant) ( 2,2'-(METHYLIMINO)DIETHANOL ; CAS No. : 105-59-9 )  
Limit value : 10 mg/l  
Limit value type : PNEC (Aquatic, freshwater) ( 2-(2-AMINOETHOXY)-ETHANOL ; CAS No. : 929-06-6 )  
Limit value : 0,0202 mg/l  
Limit value type : PNEC (Aquatic, marine water) ( 2-(2-AMINOETHOXY)-ETHANOL ; CAS No. : 929-06-6 )  
Limit value : 0,0202 mg/l  
Limit value type : PNEC (Sediment, freshwater) ( 2-(2-AMINOETHOXY)-ETHANOL ; CAS No. : 929-06-6 )  
Limit value : 0,945 mg/kg  
Limit value type : PNEC (Sediment, marine water) ( 2-(2-AMINOETHOXY)-ETHANOL ; CAS No. : 929-06-6 )  
Limit value : 0,0945 mg/kg  
Limit value type : PNEC (Sewage treatment plant) ( 2-(2-AMINOETHOXY)-ETHANOL ; CAS No. : 929-06-6 )  
Limit value : 28 mg/l  
Limit value type : PNEC (Aquatic, freshwater) ( 2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5 )  
Limit value : 1 mg/l  
Limit value type : PNEC (Aquatic, marine water) ( 2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5 )  
Limit value : 0,1 mg/l  
Limit value type : PNEC (Sediment, freshwater) ( 2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5 )  
Limit value : 4 mg/kg  
Limit value type : PNEC (Sediment, marine water) ( 2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5 )  
Limit value : 0,4 mg/kg  
Limit value type : PNEC (Sewage treatment plant) ( 2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5 )  
Limit value : 200 mg/l

## 8.2 Exposure controls

### Appropriate engineering controls

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If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means. Technical measures and the application of suitable work processes have priority over personal protection equipment.

### Personal protection equipment

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.

### Eye/face protection

Eye glasses with side protection DIN EN 166

### Skin protection

#### Hand protection

Tested protective gloves must be worn: DIN EN 374

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.

#### Suitable material :

Wearing time with permanent contact:

Material: NBR (Nitrile rubber), CR (polychloroprene, chloroprene rubber),

Thickness of the glove material: 0,70 mm

Breakthrough time (maximum wearing time): > 480 min

Wearing time with occasional contact (splashes):

NBR (Nitrile rubber), CR (polychloroprene, chloroprene rubber),

Thickness of the glove material: 0,40 mm

Breakthrough time (maximum wearing time): > 30 min

**Unsuitable material :** PVA (Polyvinyl alcohol),

**Breakthrough time (maximum wearing time):** : 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.

#### Body protection

Body protection: not required. If prolonged or repeated contact is likely, chemical, and oil resistant clothing is recommended.

### Respiratory protection

Usually no personal respiratory protection necessary. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Respiratory protection necessary at: exceeding exposure limit values, insufficient ventilation, aerosol or mist formation.

#### Suitable respiratory protection apparatus

Combination filtering device (EN 14387)

### General health and safety measures

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Wash contaminated clothing prior to re-use. Apply skin care products after work.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Appearance :** liquid

**Colour :** brown

**Odour :** characteristic

#### Safety relevant basis data

<b>pH :</b>	( 20 °C / 5 Wt % )	9,2	DIN 51369
<b>Melting point/melting range :</b>		No data available	
<b>Initial boiling point and boiling range :</b>	( 1013 hPa )	not determined	

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<b>Flash point :</b>		> 100 °C (contains water)		DIN EN ISO 2592
<b>Lower explosion limit :</b>		No data available		
<b>Upper explosion limit :</b>		No data available		
<b>Vapour pressure :</b>	( 20 °C )	No data available		
<b>Density :</b>	( 15 °C )	0,985	g/cm <sup>3</sup>	DIN EN ISO 12185
<b>Water solubility :</b>	( 20 °C )	miscible		
<b>log P O/W :</b>		not applicable		
<b>Cinematic viscosity :</b>	( 20 °C )	approx. 50	mm <sup>2</sup> /s	DIN EN ISO 3104
<b>Ignition temperature :</b>		No data available		
<b>Decomposition temperature :</b>		not determined		
<b>Odour threshold :</b>		No data available		
<b>Relative vapour density :</b>	( 20 °C )	No data available		
<b>Evaporation rate :</b>		No data available		
<b>Vapourisation rate :</b>		No data available		
<b>Maximum VOC content (Switzerland) :</b>		2,331	Wt %	
<b>Oxidising liquids :</b>		Not oxidising.		
<b>Explosive properties :</b>		Not explosive according to EU A.14.		

## 9.2 Other information

None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

### 10.4 Conditions to avoid

No information available.

### 10.5 Incompatible materials

Oxidising agent, strong.

### 10.6 Hazardous decomposition products

No known hazardous decomposition products.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Toxicological data are not available. The statement is derived from the properties of the single components.

#### Acute effects

No data available to indicate product may be an acute toxic oral, dermal or inhalation hazard.

#### Irritant and corrosive effects

##### Primary irritation to the skin

Causes skin irritation.

##### Irritation to eyes

Causes serious eye irritation.

#### Sensitisation



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Contains components in low concentrations (< 1%) that present a skin-sensitizing potential.

### **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

#### **Carcinogenicity**

no known significant effects or critical hazards.

#### **Germ cell mutagenicity**

no known significant effects or critical hazards.

#### **Reproductive toxicity**

no known significant effects or critical hazards.

### **STOT-single exposure**

#### **STOT SE 1 and 2**

Not expected to cause organ damage from a single exposure.

### **STOT-repeated exposure**

#### **STOT RE 1 and 2**

Not expected to cause organ damage from prolonged or repeated exposure.

### **Aspiration hazard**

Based on the available data the classification criteria for aspiration toxicity are not met. For viscosity data, see section 9.

## **11.4 Other adverse effects**

### **Other observations**

Processing vapours can irritate the respiratory tracts, skin and eyes.

## **SECTION 12: Ecological information**

### **12.1 Toxicity**

For the product ecotoxicological data are not available. The ecotoxicological properties of this mixture are determined by the ecotoxicological properties of the single components (see section 3).

#### **Aquatic toxicity**

Harmful to aquatic life with long lasting effects.

#### **Acute (short-term) fish toxicity**

Parameter : LC50 ( 1,2-BENZISOTHIAZOL-3(2H)-ONE ; CAS No. : 2634-33-5 )  
Species : Oncorhynchus mykiss (Rainbow trout)  
Effective dose : 1,5 mg/l  
Exposure time : 96 h

#### **Acute (short-term) daphnia toxicity**

Parameter : EC50 ( 1,2-BENZISOTHIAZOL-3(2H)-ONE ; CAS No. : 2634-33-5 )  
Species : Daphnia magna (Big water flea)  
Effective dose : 1,5 mg/l  
Exposure time : 48 h

#### **Acute (short-term) algae toxicity**

Parameter : EC50 ( 1,2-BENZISOTHIAZOL-3(2H)-ONE ; CAS No. : 2634-33-5 )  
Species : Pseudokirchneriella subcapitata  
Effective dose : 0,055 mg/l  
Exposure time : 96 h

### **12.2 Persistence and degradability**

Part of the components is biodegradable.

### **12.3 Bioaccumulative potential**

No indication of bioaccumulation potential.

### **12.4 Mobility in soil**

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No information available.

### 12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6 Other adverse effects

No information available.

### 12.7 Additional ecotoxicological information

Do not allow uncontrolled discharge of product into the environment.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product/Packaging disposal

##### Waste codes/waste designations according to EWC/AVV

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

##### Waste code product

12 01 10\*

##### Waste name

Synthetic machining oils.

##### Waste treatment options

##### Appropriate disposal / Product

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

##### Appropriate disposal / Package

Non-contaminated packages may be recycled. Packing which cannot be properly cleaned must be disposed of. Dispose of waste according to applicable legislation.

## SECTION 14: Transport information

### 14.1 UN number

No dangerous good in sense of these transport regulations.

### 14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

### 14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

### 14.4 Packing group

No dangerous good in sense of these transport regulations.

### 14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

### 14.6 Special precautions for user

None

## SECTION 15: Regulatory information

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

#### National regulations

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### Technische Anleitung Luft (TA-Luft)

Weight fraction (Number 5.2.5. I) : < 5 %

### Water hazard class (WGK)

Class : 2 (Significant hazardous to water) Classification according to AwSV

### Additional information

#### Berufsgenossenschaftliche Regeln (BGR)

The product corresponds with TRGS 611.

## 15.2 Chemical safety assessment

No information available.

## SECTION 16: Other information

### 16.1 Indication of changes

None

### 16.2 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)  
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
ICAO: International Civil Aviation Organization  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
GHS: Globally Harmonized System on the Classification and Labelling of Chemicals  
CLP: Regulation on Classification, Labelling and Packaging of Substances and Mixtures,  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
EC50: Effective concentration, 50 percent  
DNEL: Derived No Effect Level  
PNEC: Predicted No Effect Concentration  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

### 16.3 Key literature references and sources for data

Sources of information used in preparing this SDS included one or more of the following: Product Dossiers and SDS from suppliers, complemented by public sources, as appropriate (GESTIS, the EU IUCLID Data Base, U.S. NTP publications, e.g.).

### 16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

No information available.

### 16.5 Relevant H- and EUH-phrases (Number and full text)

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.

# Safety Data Sheet

## according to Regulation (EC) No. 1907/2006 (REACH)



**Trade name :** Eni aquamet LAK E – FF; Art.-no. 0633  
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H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

### 16.6 Training advice

Provide adequate information, instruction and training for operators.

### 16.7 Additional information

None

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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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