

Trade name: Oil for clipping machines

Version: 1 / GB

Date revised: 28.03.2023

Substance number: R-1850488

Replaces Version: - / GB

Print date: 28.03.2023

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

### **1.1. Product identifier**

Oil for clipping machines

#### **Substance / product identification**

PR-No. 1850488, 1850489

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

#### **Use of the substance/preparation**

Lubricating oil

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

#### **Address/Manufacturer**

Albert Kerbl GmbH

Felizenzell 9

84428 Buchbach

Telephone no. +49 8086 933-100

Fax no. +49 8086 933-500

Information provided by / telephone Albert Kerbl GmbH Tel.: 0049-(0)8086-933-302

E-mail address of

sdb-team@kerbl.com

person responsible

for this SDS

### **1.4. Emergency telephone number**

Joint poison information center for the states of Mecklenburg-Western Pomerania, Saxony, Saxony-Anhalt and Thuringia c/o HELIOS Klinikum Erfurt Nordhäuser Strasse 74

Tel.: (03 61) 73 07 30 - Fax: (03 61) 7 30 73 17

E-Mail: ggiz@ggiz-erfurt.de - Internet: www.ggiz-erfurt.de

For England (NHS 111) call: 111

For Scotland (NHS24) call: 111

For Wales (NHS Direct) call: 111

When it's less urgent than: 999

For Northern Ireland call: GP Out-of-Hours (www.gpoutofhours.hscni.net)

## **SECTION 2: Hazards identification**

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

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

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

Aquatic Chronic 3 H412

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

### **2.2. Label elements**

#### **Labelling according to regulation (EC) No 1272/2008**

##### **Hazard statements**

H412

Harmful to aquatic life with long lasting effects.

##### **Precautionary statements**

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P273

Avoid release to the environment.

P501.9

Dispose of contents/container as problematic waste.

**2.3. Other hazards**

No special hazards have to be mentioned.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Hazardous ingredients****(Z)-octadec-9-enylamine**

CAS No. 112-90-3

EINECS no. 204-015-5

Concentration  $\geq$  0,025 < 0,1 %

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

Acute Tox. 4 H302

Asp. Tox. 1 H304

Skin Corr. 1B H314

STOT SE 3 H335

STOT RE 2 H373

Aquatic Acute 1 H400

Aquatic Chronic 1 H410

Concentration limits (Regulation (EC) No. 1272/2008)

Aquatic Acute 1 M = 10

Aquatic Chronic 1 M = 10

1

**Further ingredients****Amine, C12-14-tert-alkyl**

CAS No. 68955-53-3

EINECS no. 701-175-2

Registration no. 01-2119456798-18

Concentration &lt; 0,1 %

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

Acute Tox. 4 H302

Acute Tox. 3 H311

Skin Corr. 1B H314

Skin Sens. 1A H317

Acute Tox. 2 H330

Aquatic Acute 1 H400

Aquatic Chronic 1 H410

Concentration limits (Regulation (EC) No. 1272/2008)

Skin Sens. 1A H317  $\geq$  50  $\leq$  100**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

In case of persistent symptoms consult doctor.

**After inhalation**

Ensure supply of fresh air. In the event of symptoms take medical treatment.

**After skin contact**

In case of contact with skin wash off with warm water. Take off contaminated clothing immediately.

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Consult a doctor if skin irritation persists.

**After eye contact**

Separate eyelids, wash the eyes thoroughly with water (15 min.). Remove contact lenses. In case of irritation consult an oculist.

**After ingestion**

Rinse out mouth and give plenty of water to drink. If you feel unwell, consult a doctor.

**Adhere to personal protective measures when giving first aid**

First aider: Pay attention to self-protection!

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

Until now no symptoms known so far.

**4.3. Indication of any immediate medical attention and special treatment needed****Hints for the physician / treatment**

Treat symptomatically.

**Hints for the physician / hazards**

Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Foam, Dry powder, Carbon dioxide, Water spray jet

**Non suitable extinguishing media**

Full water jet

**5.3. Advice for firefighters****Special protective equipment for fire-fighting**

In case of combustion use a suitable breathing apparatus.

**Other information**

Collect contaminated fire-fighting water separately, must not be discharged into the drains.

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

Ensure adequate ventilation. High risk of slipping due to leakage/spillage of product. Use personal protective clothing.

**6.2. Environmental precautions**

Do not discharge into the drains/surface waters/groundwater. Prevent spread over a wide area (e.g. by containment or oil barriers). In case the product spills into sewage waters, immediately inform the authorities.

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

Pick up with absorbent material. Clean contaminated floors and objects thoroughly, observing environmental regulations. Dispose of as prescribed.

**6.4. Reference to other sections**

Refer to protective measures listed in Sections 7 and 8.

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

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**Advice on safe handling**

Observe the usual precautions for handling chemicals. Avoid formation of oil dust. Do not carry product-soaked rags in your trouser pockets. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothing. Personal protective equipment: see chapter 8.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking.

**Classification of fires / temperature class / Ignition group / Dust explosion class**

Classification of fires                      B (Combustible liquid substances)

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

Keep container tightly closed. Store in cool, well ventilated area. Keep only in original packaging.

**Hints on storage assembly**

Do not store together with: Gas. Explosives. Solid substances with flammable (oxidising) properties. Flammable (oxidising) liquid substances. Radioactive substances. Infectious substances.

**Storage classes**

Storage class according to TRGS 510      10                      Flammable liquids

**Further information on storage conditions**

Keep container tightly closed and in a well-ventilated place. Protect from light.

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

Lubricating oil

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Derived No/Minimal Effect Levels (DNEL/DMEL)****Amine, C12-14-tert-alkyl**

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	2,5	mg/m <sup>3</sup>

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	1,2	mg/m <sup>3</sup>

Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	12,5	mg/m <sup>3</sup>

Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	

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Mode of action	Local effects	
Concentration	12,1	mg/m <sup>3</sup>

**(Z)-octadec-9-enylamine****8.2. Exposure controls****General protective and hygiene measures**

Observe the usual precautions for handling chemicals.

**Respiratory protection**

Not necessary, but do not inhale vapours. If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.

**Hand protection**

Gloves

Use chemical-resistant gloves! Suitable for short-term use: 1,4mm Latex or 0,85mm Nitrile (Recommended: Kerbl Fletex (Latex), or Kerbl Chemex (Nitrile))

Hand protection must comply with EN 374.

**Eye protection**

Safety glasses; Eye protection must comply with EN 166.

**Body protection**

Clothing as usual in the chemical industry.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>Physical state</b>	liquid	
<b>Colour</b>	clear	
<b>Melting point</b>		
Remarks	not determined	
<b>Freezing point</b>		
Remarks	not determined	
<b>Boiling point or initial boiling point and boiling range</b>		
Value	-30	°C
Method	ASTM D 5950 (Pourpoint)	
<b>Flammability</b>		
not determined		
<b>Upper and lower explosive limits</b>		
Remarks	not determined	
<b>Flash point</b>		
Value	230	°C
Method	DIN ISO 2592	
<b>Ignition temperature</b>		
Remarks	not determined	
<b>Decomposition temperature</b>		
Remarks	not determined	
<b>pH value</b>		
Remarks	not determined	
<b>Viscosity</b>		
<b>kinematic</b>		
Value	113	mm <sup>2</sup> /s

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**Solubility(ies)**

Remarks not determined

**Partition coefficient n-octanol/water (log value)**

Remarks not determined

**Vapour pressure**

Remarks not determined

**Density and/or relative density**Value 0,892 g/cm<sup>3</sup>

Method DIN 51757

**Relative vapour density**

Remarks not determined

**9.2. Other information****Odour threshold**

Remarks not determined

**Evaporation rate (ether = 1) :**

Remarks not determined

**Solubility in water**

Remarks not determined

**Explosive properties**

evaluation not determined

**Oxidising properties**

Remarks not determined

**Other information**

None known

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

No hazardous reactions known.

**10.4. Conditions to avoid**

None known.

**10.5. Incompatible materials**

Strong oxidising agents

**10.6. Hazardous decomposition products**

No data available.

**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

Remarks not determined

**Acute oral toxicity (Components)**

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**Amine, C12-14-tert-alkyl**

LD50 = 552 mg/kg

**(Z)-octadec-9-enylamine**Species rat  
LD50 1689 mg/kg  
Source US EPA summary**Acute dermal toxicity**

Remarks not determined

**Acute dermal toxicity (Components)****Amine, C12-14-tert-alkyl**

LD50 = 251 mg/kg

**Acute inhalational toxicity**

Remarks not determined

**Acute inhalative toxicity (Components)****Amine, C12-14-tert-alkyl**LC50 = 1,19 mg/l  
Administration/Form Vapors**Amine, C12-14-tert-alkyl**ATE = 0,05 mg/l  
Administration/Form Dust/Mist**Skin corrosion/irritation**

Remarks not determined

**Serious eye damage/irritation**

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

**Sensitization**

Remarks A sensitization is possible for persons who are sensitive.

**Subacute, subchronic, chronic toxicity**

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

**Mutagenicity**

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

**Reproductive toxicity**

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

**Carcinogenicity**

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

**Specific Target Organ Toxicity (STOT)**

Remarks not determined

**Specific Target Organ Toxicity (STOT) (Components)****(Z)-octadec-9-enylamine**Repeated exposure  
NOAEL 3,25 mg/kg  
Duration of exposure 28 d  
Source ECHA**11.2 Information on other hazards****Endocrine disrupting properties with respect to humans**

No data available.

**Other information**

Frequent and prolonged skin contact may cause skin irritation.

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## **SECTION 12: Ecological information**

### **12.1. Toxicity**

#### **General information**

not determined

#### **Fish toxicity (Components)**

##### **Amine, C12-14-tert-alkyl**

Species	rainbow trout ( <i>Oncorhynchus mykiss</i> )		
LC50	1,3		mg/l
Duration of exposure	96	h	
Method	OECD 203		
Source	ECHA		

##### **Amine, C12-14-tert-alkyl**

Species	rainbow trout ( <i>Oncorhynchus mykiss</i> )		
NOEC	0,078		mg/l
Duration of exposure	96	h	
Method	OECD 210		
Source	ECHA		

##### **(Z)-octadec-9-enylamine**

Species	Fathead minnow ( <i>Pimephales promelas</i> )		
LC50	0,11		mg/l
Duration of exposure	96	h	
Source	US EPA summary		

#### **Daphnia toxicity (Components)**

##### **Amine, C12-14-tert-alkyl**

Species	Daphnia magna		
EC50	4,1		mg/l
Duration of exposure	48	h	
Method	OECD 202		
Source	ECHA		

#### **Algae toxicity (Components)**

##### **Amine, C12-14-tert-alkyl**

Species	Pseudokirchneriella subcapitata		
ErC50	0,44		mg/l
Duration of exposure	72	h	
Method	OECD 201		
Remarks	The pigment is slightly soluble in water, it can be eliminated mechanically from the water in suitable purification plants.		
Source	1850488		

### **12.2. Persistence and degradability**

#### **General information**

The product is poorly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

#### **Biodegradability (Components)**

##### **Amine, C12-14-tert-alkyl**

Value	22		%
Duration of test	28	d	
Method	OECD 301D		
Remarks	Not easily biodegradable.		

##### **(Z)-octadec-9-enylamine**

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Value	66	%
Duration of test evaluation Method	28	d
	Readily biodegradable (according to OECD criteria) OECD 301D	

### 12.3. Bioaccumulative potential

#### General information

not determined

#### Partition coefficient n-octanol/water (log value)

Remarks not determined

#### Octanol/water partition coefficient (log Pow) (Components)

##### Amine, C12-14-tert-alkyl

log Pow 2,9

##### (Z)-octadec-9-enylamine

log Pow &gt; 3,11

### 12.4. Mobility in soil

#### General information

not determined

### 12.5. Results of PBT and vPvB assessment

#### General information

not determined

### 12.6 Endocrine disrupting properties

#### Endocrine disrupting properties with respect to the environment

No data available.

### 12.7. Other adverse effects

#### General information

not determined

#### General information / ecology

Do not allow to enter soil, waterways or waste water canal.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations for the product

EWC waste code 15 01 10\* packaging containing residues of or contaminated by dangerous substances

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

#### Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

## SECTION 14: Transport information

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	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport.-	The product does not constitute a hazardous substance in sea transport.-	The product does not constitute a hazardous substance in air transport.-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
Label			
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	no	-

**Information for all modes of transport****14.6. Special precautions for user**

none

**Other information****14.7 Maritime transport in bulk according to IMO instruments**

Not relevant

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Other regulations, restrictions and prohibition regulations**

Observe employment restrictions for young people.

**TA-Luft**

Section 5.2.5: Organic Substances (to be indicated as total carbon; except for substances according 5.2.1.)

Mass flow	0,50	kg/h	Mass concentration	95	%
				50	mg/m <sup>3</sup>

**15.2. Chemical safety assessment**

For this preparation a chemical safety assessment has not been carried out.

**SECTION 16: Other information****Hazard statements listed in Chapter 3**

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

**CLP categories listed in Chapter 3**

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Acute Tox. 4	Acute toxicity, Category 4
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Asp. Tox. 1	Aspiration hazard, Category 1
Skin Corr. 1B	Skin corrosion, Category 1B
STOT RE 2	Specific target organ toxicity - repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

**Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.