

Trade name: Oil for clipping machines

Version: 1 / DE

Date revised: 28.03.2023

Substance number: R-1850488

Replaces Version: - / DE

Print date: 10.06.2025

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

Information provided by / telephone

E-mail address of person responsible for this SDS

Albert Kerbl GmbH Tel.: 0049-(0)8086-933-302

sdb-team@kerbl.com

1.4. Distributed by:

Shoof International Ltd

New Zealand: 224 Laurent Road, Cambridge 3493.

Emergency contact: 0800 POISON (0800 764 766)

Australia: 1 International Square, Tullamarine, VIC 3043

Emergency contact: 13 11 26

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

P273

P501.9

Avoid release to the environment.

Dispose of contents/container as problematic waste.

2.3. Other hazards

No special hazards have to be mentioned.

SECTION 3: Composition/information on ingredients

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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

Further ingredients

Amine, C12-14-tert-alkyl

CAS No.	68955-53-3
EINECS no.	701-175-2
Registration no.	01-2119456798-18
Concentration	< 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	$\geq 50 \leq 100$
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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. 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.

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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

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.

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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. Keep container in a cool, well-ventilated place. 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 ³

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 ³

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 ³

Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	12,1	mg/m ³

(Z)-octadec-9-enylamine**8.2. Exposure controls**

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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****Physical state**

liquid

Colour

clear

Melting point

Remarks

not determined

Freezing point

Remarks

not determined

Boiling point or initial boiling point and boiling range

Value

-30

°C

Method

ASTM D 5950 (Pourpoint)

Flammability

not determined

Upper and lower explosive limits

Remarks

not determined

Flash point

Value

230

°C

Method

DIN ISO 2592

Auto-ignition temperature

Remarks

not determined

Decomposition temperature

Remarks

not determined

pH value

Remarks

not determined

Viscosity**kinematic**

Value

113

mm²/s

Solubility(ies)

Remarks

not determined

Partition coefficient n-octanol/water (log value)

Remarks

not determined

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Vapour pressure

Remarks not determined

Density and/or relative densityValue 0,892 g/cm³

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

LD50 = 552 mg/kg

(Z)-octadec-9-enylamine

Species rat

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LD50	1689	mg/kg
Source	US EPA summary	

Acute dermal toxicity

Remarks	not determined
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Acute dermal toxicity (Components)**Amine, C12-14-tert-alkyl**

LD50	=	251	mg/kg
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Acute inhalational toxicity

Remarks	not determined
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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
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Serious eye damage/irritation

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

Remarks	A sensitization is possible for persons who are sensitive.
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Subacute, subchronic, chronic toxicity

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

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

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

Remarks	Based on available data, the classification criteria are not met.
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Specific Target Organ Toxicity (STOT)

Remarks	not determined
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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**

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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

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

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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 > 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 or ID 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****Water Hazard Class (Germany)**

Water Hazard Class WGK 2
(Germany)

Remarks Derivation of WGK according to Annex 1 No. 5.2 AwSV

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	95	%
			Mass concentration	

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.

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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.
H412	Harmful to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

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
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
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.