

Trade name: AESCULAP Clipper oil

Version: 2 / GB

Date revised: 15.06.2023

Substance number: R-GT604

Replaces Version: 1 / GB

Print date: 15.06.2023

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

1.1. Product identifier

AESCULAP Clipper oil

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 person responsible for this SDS sdb-team@kerbl.com

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 Irland call: GP Out-of-Hours (www.gpoutofhours.hscni.net)

SECTION 2: Hazards identification ***

2.1. Classification of the substance or mixture

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

Supplemental information

EUH210 Safety data sheet available on request.

2.3. Other hazards

None

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Trade name: AESCULAP Clipper oil

Version: 2 / GB

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Substance number: R-GT604

Replaces Version: 1 / GB

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Further ingredients

CAS No.	8042-47-5
EINECS no.	232-455-8
Registration no.	01-2119487078-27
Concentration	>= 50 %
Advice: [3]	
Classification (Regulation (EC) No. 1272/2008)	
Asp. Tox. 1	H304

Note

[3] Substance with occupational exposure limits

Other information

Highly refined mineral oils and additives. The highly refined mineral oil contains a dimethylsulphocide (DMSO) extractable content of less than 3% (w/w) according to IP346. Complete text of hazard statements in chapter 16

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. Consult a doctor if skin irritation persists.

After eye contact

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

After ingestion

Call a poison center or doctor if you feel unwell. Do not induce vomiting.

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

Symptoms/effect after ingestion: May result in aspiration into the lungs, causing chemical pneumonia.

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

Hints for the physician / treatment

Treat symptomatically

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam, Carbon dioxide, Water spray jet, Dry chemical extinguisher

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Flammable liquid. In the event of fire the following can be released: Carbon monoxide (CO); Carbon dioxide (CO₂); Possible release of toxic fumes.

5.3. Advice for firefighters

Trade name: AESCULAP Clipper oil

Version: 2 / GB

Date revised: 15.06.2023

Substance number: R-GT604

Replaces Version: 1 / GB

Print date: 15.06.2023

Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus.

Other information

Cool endangered containers with water spray jet. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater. 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

Take up with absorbent material (eg sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal. When picked up, treat material as prescribed under Section 13 "Disposal".

6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Observe the usual precautions for handling chemicals.

Advice on protection against fire and explosion

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value	0	appr.	40	°C
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Requirements for storage rooms and vessels

Keep in original packaging, tightly closed. Store in cool, well ventilated area. Protect from heat.

Hints on storage assembly

Do not store together with foodstuffs.

Further information on storage conditions

Keep container tightly closed and dry.

7.3. Specific end use(s)

Lubricating oil

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other information

There are not known any further control parameters.

8.2. Exposure controls

General protective and hygiene measures

Observe the usual precautions for handling chemicals.

Trade name: AESCULAP Clipper oil

Version: 2 / GB

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Substance number: R-GT604

Replaces Version: 1 / GB

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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

Protective gloves

Appropriate Material nitrile

Material thickness >= 0,35 mm

Breakthrough time > 480 min

Hand protection must comply with EN 374.

The selection of a suitable glove depends not only on the material but also on other quality features and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of glove materials cannot be calculated in advance and must therefore be checked before use.

Eye protection

Tightly fitting 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

colourless

Odour

characteristic

Melting point

Remarks Not applicable

Freezing point

Value -9 °C
Method ASTM D 5950 (Pourpoint)

Boiling point or initial boiling point and boiling range

Remarks not determined

Flammability

Not applicable

Upper and lower explosive limits

Remarks not determined

Flash point

Value 170 °C
Method ASTM D 92

Ignition temperature

Remarks not determined

Decomposition temperature

Remarks not determined

pH value

Remarks not determined

Viscosity

kinematic

Value 22 mm²/s
Temperature 40 °C
Method ASTM D 7279

Trade name: AESCULAP Clipper oil

Version: 2 / GB

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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	0,855	kg/l
Temperature	15	°C
Method	ASTM D 4052	

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 dangerous reactions when stored and handled according to instructions. Reacts violently with (strong) oxidizers.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

Hazardous decomposition products should not be formed under normal storage and use conditions.

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

Trade name: AESCULAP Clipper oil

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

Acute oral toxicity (Components)

Species	rat			
LD50	>	5000		mg/kg

Acute dermal toxicity

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

Acute dermal toxicity (Components)

Species	rabbit			
LD50	>	2000		mg/kg

Acute inhalational toxicity

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

Acute inhalative toxicity (Components)

Species	rat			
LC50	>	5		mg/l
Duration of exposure		4	h	

Skin corrosion/irritation

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

Serious eye damage/irritation

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

Sensitization

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

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

11.2 Information on other hazards

Endocrine disrupting properties with respect to humans

No data available.

Other information

Viscosity, kinematic: 22 mm²/s (40°C) - ASTM D7279

SECTION 12: Ecological information

12.1. Toxicity

General information

not determined

Fish toxicity (Components)

Species	Fish			
LC50	>	400000		ppm(V)

12.2. Persistence and degradability

Trade name: AESCULAP Clipper oil

Version: 2 / GB

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Substance number: R-GT604

Replaces Version: 1 / GB

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General information

not determined

12.3. Bioaccumulative potential

General information

not determined

Partition coefficient n-octanol/water (log value)

Remarks not determined

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 discharge product unmonitored into the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

Do not allow to enter drains.

Do not allow to enter waters.

EWC waste code 13 02 05* mineral-based non-chlorinated engine, gear and lubricating oils

Dispose of waste according to applicable legislation.

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 ***

Trade name: AESCULAP Clipper oil

Version: 2 / GB

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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

See Sections 6 to 8

Other information

14.7 Maritime transport in bulk according to IMO instruments

not determined

SECTION 15: Regulatory information

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

VOC

VOC (CH)	0	%
VOC (EU)	0	%

15.2. Chemical safety assessment

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

SECTION 16: Other information

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.