

Safety Data Sheet

according to Ordinance (EC) No. 1907/2006

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1. Identification of the substance / mixture and of the company / undertaking

Trade name: KANGAROO ALU-FIX OIL

Supplier: *Gerd Eisenblätter GmbH*

*Jeschkenstraße 12d
82538 Geretsried
Phone: + 49 (0) 8171 / 9082 - 010*

Emergencies: +49 (0) 8171 / 9082 - 010

2. Composition / Information on ingredients

Chemical characterisation:

Description: Mineral oil-based mixture. Mineral oil with DMSO extract < 3 % as measured by IP 346.

Dangerous components:

Substance	EINECS-No.	CAS-No.	Concentration (%)	Classification acc. to Directive 67/548/EEC	Classification acc. to Regulation (EC) No. 1272/2008 (CLP)
Hexadec-1-ene	211-105-8	629-73-2	18 – < 24 %	Xn – Harmful R65	Asp. Tox. 1; H304
O,O,O-triphenyl phosphorothioate	209-909-9	597-82-0	1 -< 2.5 %	R53	Aquatic Chronic 4; H413

(Full text of R-, H- and EUH-phrases: see section 16.)

3. Hazards identification

3.1. Classification of the substance or mixture

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

Hazard categories:

Aspiration hazard: Asp. Tox. 1

Hazard statements:

May be fatal if swallowed and enters airways.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

This mixture is not classified as hazardous according to Directive 1999/45/EC.

3.2. Label elements

Hazardous components which must be listed on the label

Hexadec-1-ene

Hazard pictograms

GHS08



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Signal word

Danger

Hazard statements

H304 May be fatal if swallowed and enters airways.

Precautionary statements

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER / doctor.

P331 Do NOT induce vomiting.

3.3. Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

4. First aid measures

4.1. Description of first aid measures

After inhalation : Move victim to fresh air. Put victim at rest and keep warm.

After skin contact : After contact with skin, wash immediately with plenty of water and soap.

After eye contact : Rinse immediately carefully and thoroughly with eye-bath or water.
In case of eye irritation consult an ophthalmologist.

After swallowing : If swallowed, rinse mouth with water (only if the person is conscious).
Consult physician immediately. Keep victim calm. Do not induce vomiting.

General information : In all cases of doubt, or when symptoms persist, seek medical advice.
In case of unconsciousness give nothing by mouth, place in unconscious position and seek medical advice. Remove contaminated clothing immediately and dispose off safely.

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

In all cases of doubt or when symptoms persist, seek medical advice.

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

Treatment: No information available.

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5. Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing agents: alcohol resistant foam, extinguishing powder, carbon dioxide.

For safety reasons unsuitable extinguishing agents: High power water jet

5.2. Special hazards arising from the substance or mixture

Dense black smoke occurs during fire. Hazardous decomposition products: carbon monoxide, carbon dioxide. Inhaling hazardous decomposing products can cause serious health damage.

5.3. Advice for fire fighters

Protective equipment

In case of fire: Wear self-contained breathing apparatus

Additional information

Cool closed containers that are near the source of the fire.

Do not allow water used to extinguish fire to enter drains, ground or waterways.

Treat runoff as hazardous.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

See section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations

6.3. Methods and material for containment and cleaning up

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculite, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see chapter 13).

6.4. Reference to other sections

See section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

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7. Handling and storage

7.1. Precautions for safe handling

Follow the legal protection and safety regulations. Do not eat, drink or smoke when using this product. Open and handle container with care. Provide for good room ventilation. Avoid the formation of aerosol.

Information about fire – and explosion protection: No special measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Protect against: frost. Protect from heat and direct sunlight. Keep container tightly closed in a cool, well-ventilated place.

8. Exposure controls / personal protection

Additional information about design of technical facilities: No further data; see item 7.

8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace:

Substance	CAS-No.	WEL
-		

8.2. Exposure controls

Personal protective equipment:

General protective and hygienic measures:

After contact clean skin thoroughly with water and soap or use appropriate cleanser. When using do not eat, drink, smoke, sniff.

Respiratory protection:

When splashes or fine mist form, a permitted breathing apparatus suitable for these purposes must be used.

Protection of hands:

For prolonged or repeated handling the following glove material must be used: NBR (Nitrile rubber). Breakthrough times and swelling properties of the material must be taken into consideration.

Recommended glove articles:

DIN EN 374. Barrier creams can help protecting exposed skin areas.

In no case should they be used after contact.

Eye protection:

Wear closely fitting protective glasses in case of splashes.

Body protection:

Protective clothing.

Environmental exposure controls:

Do not allow to enter into surface water or drains (refer to chapter 7). No further action is necessary

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9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form:	liquid
Colour:	yellow
Odour:	typical
pH-value	not applicable
Vapour pressure (at 20°C):	< 0.1 mbar
Boiling point / Boiling range:	not determined
Flash point:	175 °C
Pourpoint:	not determined
Danger of explosion: lower explosion limit: upper explosion limit:	0.4 Vol-% 6.5 Vol-%
Density:	0.87 g/cm ³
Solubility:	insoluble
Viscosity (at 40 °C):	15 mm ² /s

9.2. Other information

No further relevant information available.

10. Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

No information available.

10.3. Possibility of hazardous reactions

No hazardous reactions known when handled and stored according to provisions.

10.4. Conditions to avoid

Heat.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No information available.

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11. Toxicological information

11.1. Information on toxicological effects

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

CAS-No.	Substance	Exposure routes	Method	Dose	Species	Source
597-82-0	O,O,O-triphenyl phosphorothioate	oral	LD50 mg/kg	>2000,0	Rat	

Irritation and corrosivity:

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

Sensitising effects:

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

STOT-single exposure:

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

Severe effects after repeated or prolonged exposure:

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

Carcinogenic / mutagenic / toxic effects for reproduction:

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

Aspiration hazard:

May be fatal if swallowed and enters airways.

Practical experience

Other observations:

Keeping to the general worker`s protection rules and the industrial hygienics, there is no risk in handling this product through the personnel.

12. Ecological information

Overall evaluation

There is no information available on the preparation itself. Do not allow to enter into surface water or drains.

12.1. Toxicity

Toxicological effects: No information available.

12.2. Persistence and degradability

Toxicological data are not available.

12.3. Bioaccumulative potential

Partition coefficient n-octanol / water

CAS-No.	Substance	Log Pow
597-82-0	O,O,O-triphenyl phosphorothioate	5,10

12.4. Bioconcentration factor (BCF)

Toxicological data are not available

12.5. Mobility in soil

No data available.

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12.6. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.7. Other adverse effects

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment.

13. Disposal considerations

13.1. Waste treatment methods

Recommendation:

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way.

Waste disposal according to EC directives 75/442/EEC and 91/689/EEC in the Corresponding versions, covering waste and dangerous waste.

Control report for waste code / waste marking according to EAKV:

120107 mineral-based machining oils free of halogens (except emulsions and solutions).

Contaminated packaging:

Recommendation:

Non-contaminated packages may be recycled. Consult the appropriate local waste disposal expert about waste disposal.

14. Transport information

14.1. Land transport

No dangerous goods regulations acc. to ADR/RID and GGVS/E

14.2. Sea transport

No dangerous goods regulations acc. to IMDG/GGVSee

14.3. Aircraft transport

No dangerous goods regulations acc. to ICAO/IATA

15. Regulatory information

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

EU regulatory information

2010/75/EU (VOC): 0 %

National regulatory information

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.

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16. Other information

Relevant R-phrases (number and full text):

- 53 May cause long-term adverse effects in the aquatic environment.
- 65 Harmful: may cause lung damage if swallowed.

Relevant H- and EUH-phrases (number and full text):

- H304 May be fatal if swallowed and enters airways
- H413 May cause long lasting harmful effects to aquatic life.

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.