

Safety data sheet

According to 1907 / 2006 / EC, Article 31

Revision : 10.01.2018

1. Identification of the mixture and of the company

1.1 Trade name : Antioxid-Kontaktpaste / ALU-PLUS - Kontaktpaste

1.2 Supplier : Hengelhaupt Verbindungstechnik
 Oberrohner Str. 7a
 D-36433 Moorgrund / Möhra

1.3 Informing department : Telefon : ++49 (0)3695 840301
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2. Composition / information on ingredients

2.1 Chemical characterization :
 Mixtures lubricating grease and siliziumdioxid

2.2 Dangerous components :
 Void

For the wording of the listed risk phrases refer to section 16.

2.3
 No uses advised against identified.

2.4 Application : Contact grease to improve the electrical resistor and corrosion – protection.

3. Hazards identification

Classification according to #Directive 67/548/EEC or Directive 1999/45/EC#
By handling of mineral oil products and chemical products no particular hazard is known
When normal precautions and personal protective equipment are kept .
This product is water polluting; see item 12.
The product does not have to be labelled due to the calculation procedure of the
“General Classification guideline for preparations of the EU” in the latest valid

Version.

Observe the normal safety regulations when handling chemical or mineral Oil products.

The product is not subject to identification regulations under EC directives Until 2008/1272/EC (1. CLP-ATP).

Local regulations must be kept.

4. First aid measures

After inhalation seek medical treatment in case of complaints.

After skin contact instantly wash with water and soap and rinse thoroughly.

After eye contact promptly wash eyes with plenty of water with lifting the eye lides.

After swallowing seek medical treatment.

5. Firefighting measures

- Extinguishing media
- Suitable extinguishing agents
- CO², extinguishing powder or water spray.
- For safety reasons unsuitable extinguishing agents : Water with a full jet.
- Special hazards arising from the substance or mixture : No further relevant information available.
- Advice for firefighters : No data available
- Special protective equipment for fire-fighters : Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Not required

Environmental precautions : Do not allow to enter drainage system, surface or ground Water.

Methods and material for containment and cleaning up : Collect mechanically.

Dispose of the material collected according to regulations.

Reference to other sections

No dangerous materials are released.

7. Handling and storage

No open fire in the storerooms

Precautions for safe handling : No special measures required

Conditions for safe storage, including any incompatibilities.

Store away from foodstuffs.

Local regulations concerning handling and storage of water polluting

Products have to be followed.

Specific end use : No further relevant information available.

8. Exposure controls / personal protection

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

Control parameters

Components with critical values that require monitoring at the workplace :
The product does not contain any relevant Quantities of materials with
TLVs / WELs that have to be monitored at the workplace.

Additional information :

The lists that were valid during the compilation were used as basis.

Exposure controls

Personal protective equipment

General protective and hygienic measures

The usual precautionary measures should be adhered to in handling the chemicals
Or the mineral oil products.

Avoid close or long term contact with the skin.

Use skin protection cream for preventive skin protection.

Breathing equipment : Not required.

Protection of hands : Protective gloves (EN 374) and protective skin cream.

Eye protection : Not required.

Body protection : Protective work clothing.

9. Physical and chemical properties

Physical State	Solid
Form	Pasty
Colour	Gray / Beige
Odor	Characteristic
Melting point	56 °C
Boiling point	Not applicable or not determined
Flash point	> 190 °C
Self-inflammability	Product is not selfigniting
Danger of explosion	Not explosive
Density at 70°C	ca. 0,9g/cm ³ DIN 51 757
Solubility in / Miscibility with water	Insoluble
Viscosity	NLGI 2

10. Stability and reactivity

Reactivity : Stable under normal temperature conditions and recommended use.
Chemical Stability : No data available.
Possibility of hazardous reactions : No dangerous reactions known.
Conditions to avoid : Avoid heat or contaminations.
Incompatible materials : Strong oxidizing substances. Strong acids. Strong bases.
Hazardous decomposition products : Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

11. Toxicological information

Acute toxicity on the skin : No irritant effect known
Acute toxicity on the eye : No irritant effect known
Sensitization : No sensitizing effect known
The product is not subject to classification according to the calculation method of the EU Classification Guidelines for preparations as issued in the latest version.
When used and handled according to specifications, the product does not have any Harmful effects according to our actual informations.

12. Ecological information

Aquatic toxicity :	No further relevant information available
Persistence and degradability :	No further relevant information available
Behaviour in environmental systems :	No data available
Mobility in soil :	No further relevant information available
Behaviour in sewage processing plants :	The product swims on the water surface.

Do not allow to reach ground water, water bodies or sewage system.
Results of PBT and vPvB assessment : Not applicable
Other adverse effects : No further relevant information available.

13. Disposal considerations

Recommendation waste treatment methods : Smaller quantities have to be disposed in line With local legislation. When storing used products, ensure that the waste categories and Mixing instructions are observed. Delivery of waste products only to officially authorized Collectors. European waste catalogue 12 01 12 ; spent waxes and fats.

Recommendation uncleaned packagings : Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning. Small one-way packagings have To be disposed according to the local regulations.
EWC 12 01 12 : spent waxes and fats

14. Transport information

No transport hazard classes to ADR/RID, GGVS/GGVE,
ADN/ADR, IMDG/GGVSee, ICAO/IATA-DGR.

Environmental hazards : Not applicable

Special precautions for user : Not applicable

Non-dangerous goods.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code :

Not applicable.

15.Regulatory information

Safety,health and environmental regulations/legislation specific for the mixture
National regulations : German Water Hazard Class : Water Endangering Class 1 (Self-
assessment) : slightly hazardous for water.

Other regulations limitations and prohibitive regulations

Substances of very high concern (SHVC) according to REACH, Article 31

Out of the recent list : none

16.Other information

All ingredients are listed in the European Inventories.

These data are based on our present knowledge. However they shall not constitute a
Guarantee for any specific product features and shall not establish a legally valid
Contractual relationship. This data sheet is a safety data sheet according to 1907/2006/EC,
Article 31. For products which are not subject to classification according to EU lists this
Data sheet is made on a voluntary base

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With this latest edition of this MSDS all former editions are not valid any longer.