

Safety Data Sheet According to 93/112/EG

ALSIROL Rotation Joint Grease



1. Description of Material, Preparation and Company

Product Trade Name:

ALSIROL Rotation Joint Grease

Manufacturer Data:

Pöllath Labor Technologie
Im Bauernfeld 33
96049 Bamberg

Pöllath Labor Technologie
Postfach 2269
96013 Bamberg

Tel. 0951-29969-39
Fax 0951-29969-36

2. Ingredients

Chemical Characteristics:

Hardened hydrocarbons with added asbestos-free mineral powder and long chain fat acids on soap basis.

Description:

Special-purpose grease for the lubrication of roating parts, for use with laboratory and /or factory appliances (e.g. KPG stirring systems, and much more). Suitable for stopcocks of all kinds, and also for surface grinding applications (e.g. desiccators, adjustable metal grinding plates).
In mechanics: Protects milling cutters and metal drills during stainless steel processing.
Chain and ball-bearing grease.

Chemical characteristics according to RL 67/548 EWG and other legal limits. No dangerous preparation.

3. Possible Dangers

Description of Dangers:

No particular health hazards if used as directed.

Safety Risks:

Avoid formation of grease fog.

Environmental Dangers:

If used as directed no dangers are known. Of note, the substance is applied only in miniscule amounts.

4. First-Aid Measures

Overall:

Always only in combination with other reactionary chemicals.

If inhaled:

See last sentence under #3 – Possible Dangers.

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If in contact with skin:

Wash with soap.

If in contact with eyes:

Rinse thoroughly with warm water.

If swallowed:

Advice for medical professional:

5. Measures for Fire Extinguishing

Suitable extinguishing materials:

Foam, Powder, CO₂, Sand or Dirt

Unsuitable extinguishing materials:

Do not use high pressure water

Particular danger of substance or burn products:

Protective gear for extinguishing fire:

6. Measures for Environmental Exposure

Personal measures:

Environmental measures:

Avoid leaking into sewage.

Cleanup measures:

Clean up with regular household cleaners. Dispose of in marked container.

7. Storage and Handling

Handling:

Safe handling:

Do not eat or drink while using. Wash hands after application of fat.

Fire and explosion protection:

Fire categorz DIN EN2: B

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Storage:

Storage and container requirements:

Keep in sealed container in well aerated area (only for bulk-ware over 10kg). Avoid direct sunlight, heat, and strong oxidants.

Co-storage:

Do not store next to strong oxidants.

Storage class:

Suitable storage material: Aluminum, Tin, HD Polyethylen.

8. Exposition limitation and protective gear

Facilities design:

This product does not contain any substances that require any exposure measurement or monitoring.

Personal protective gear:

Respiratory protection not necessary under normal conditions. If grease fog, wear protective mask with filter for volatile organic compounds and particle filter.

9. Physical and chemical characteristics

Appearance:

Form:	Grease
Color:	egg shell white

Sicherheitsrelevante Daten:

pH-Value	---
Pourpoint: (DIN ISO 3016)	-30°C
Flamepoint: (DIN ISO 2592)	270°C
Vapor Pressure (20°C):	<10 ⁻⁵ mb
Density (20°C): (DIN 51 757 D)	0,93g/cm ³
Water soluble (20°C):	practically non-soluble
Thermal Decomposition:	360°C
Drippingpoint:	197°C

10. Stability and Reactivity

Conditions to avoid:

Stable if used as directed.

Substances to avoid:

Strong oxidizers. Do not grease valves for oxygen cylinders.

Dangerous decomposition products:

None known if used as directed.

11. Toxicology data

Toxicologic tests:

Corrosive effect:

Slight irritation if repeated exposure to very sensitive skin.

Sensitizing effect:

None to be expected.

Repeated exposure:

No effect known.

Carcinogenic, reproductive and gene-altering effects:

Product is based on materials that have not caused cancer in lab animals. No adverse effects known.

General comments:

Toxicologic information is based on data of similar products and data of product components.

12. Ecological data

Biological decomposition:

Product is currently being tested.

Behavior:

Floats on water, is in solid form, will not seep into the ground.

Ecotoxic effects:

Not water soluble.

General comments:

Toxicologic information is based on data of similar products and data of product components.

13. Disposal

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Product:

Recommendation:

Utilize authorized waste disposal firm.

Waste key:

541 13 Machine and turbine greases.

Packaging:

Recommendation:

Due to the small size a regular disposal is possible.

Cleaning agents:

Mechanic with regular household cleaners.

14. Transportation

Not a hazardous material according to Unm IMO, ADR/RID, and IATA/ICAO (according to 5. Hazardous Goods-Change directive ADR/GGVS RID/GGVE).

15. Regulations

Marking according to EU guidelines:

No marking necessary according to „Gefahrstoffverordnung vom 26.10.93“ and „Richtlinie 94/69/EG (21. Anpassung der Richtlinie 67/548/EWG) vom 21.12.1994.“

Marking of special preparations (according to „Anhang II der Zubereitungsrichtlinie 88/379/EWG“): Not listed.

National regulations:

Additional classification of GefStoffV. §35:
Not classified.

Indication for limitation of employment:
No limitation.

Other:
Satisfies requirements of DAB 1996.

16. Other

This safety data sheet is based on the current state of knowledge and experience and is intended to describe the product with regard to safety requirements. This sheet does not constitute a guarantee of characteristics of the described product.