



Safety Data Sheet

according to Regulation (EC) No 1907/2006

AVIATICON FETT NT-00

Revision date: 24.05.2024

Product code: 56056680-1

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

1.1. Product identifier

AVIATICON FETT NT-00

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Grease.

Product categories [PC]: PC 24 Lubricants, greases, release products.

1.3. Details of the supplier of the safety data sheet

Company name:	FINKE MINERALÖLWERK GMBH	
	Produktionswerk Visselhövede	
Street:	Rudolf-Diesel-Straße 1	
Place:	D-27374 Visselhövede	
Telephone:	+49 (4262) 798	Telefax: +49 (4262) 79 9519
E-mail:	sicherheitsdatenblatt@finke-oil.de	
Contact person:	Technical Service	Telephone: +49 (4262) 79 9603
Internet:	www.finke-oil.de	
Responsible Department:	Technical Service	

1.4. Emergency telephone number:

+49 (551) 19240 Giftinformationszentrum - Nord

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

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

2.2. Label elements

Regulation (EC) No 1272/2008

Special labelling of certain mixtures

EUH208	Contains Benzenesulfonic acid, di-C10-14-alkyl derivs., calcium salts, 5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione. May produce an allergic reaction.
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2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

Do not handle until all safety precautions have been read and understood.

Discharge into the environment must be avoided.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Lithium soap lubricating grease.

Contains: Mineral oil, Additive.

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Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
1471316-72-9	Benzenesulfonic acid, di-C10-14-alkyl derivs., calcium salts			< 3,0 %
	939-603-7		01-2119978241-36	
	Skin Sens. 1B; H317			
10254-57-6	4,4'-methylene bis(dibutylthiocarbamate)			1 - < 5 %
	233-593-1		01-2119969655-20	
	Aquatic Chronic 4; H413			
72676-55-2	5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione			< 1,0 %
	276-763-0			
	Skin Sens. 1; H317			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
1471316-72-9	939-603-7	Benzenesulfonic acid, di-C10-14-alkyl derivs., calcium salts	< 3,0 %
		Skin Sens. 1B; H317: >= 10 - 100	

Further Information

The mineral oils in the product contain < 3 % DMSO-extract (IP 346).

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

First aider: Pay attention to self-protection! Move victim out of danger zone.

Remove contaminated, saturated clothing immediately. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

No special measures are necessary.

Provide fresh air. Get medical advice/attention if you feel unwell.

After contact with skin

After contact with skin, wash immediately with: Water and soap.

In case of skin irritation, consult a physician.

After contact with eyes

Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious).

Do NOT induce vomiting. Seek medical advice immediately.

No administration in cases of unconsciousness or cramps.

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

No information available.

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

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

Treat symptomatically.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂), Extinguishing powder, alcohol resistant foam.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to the escape of irritating gases and vapours.

In case of fire may be liberated: Carbon dioxide (CO₂), Carbon monoxide.

5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes.

In case of fire: Wear self-contained breathing apparatus.

Additional information

Move undamaged containers from immediate hazard area if it can be done safely.

Use water spray jet to protect personnel and to cool endangered containers. Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Provide adequate ventilation.

Avoid contact with skin and eyes. Wear personal protection equipment.

In case of leakage, eliminate all ignition sources. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment and cleaning up

Other information

Prevent spread over a wide area (e.g. by containment or oil barriers).

Take up mechanically, placing in appropriate containers for disposal.

High slip hazard because of leaking or spilled product.

Suitable material for taking up: Sand, Kieselguhr, Universal binding agent.

Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Personal protection equipment: refer to chapter 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

No special measures are necessary. Avoid contact with skin and eyes.

Remove contaminated clothing immediately and dispose off safely. For industrial purposes only.

Advice on protection against fire and explosion

Usual measures for fire prevention.

Avoid oil mist Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Advice on general occupational hygiene

Do not eat, drink, smoke or sneeze at the workplace.

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Avoid contact with skin, eyes and clothes.
Protect skin by using skin protective cream.
Take off contaminated clothing and wash it before reuse.
Wash hands before breaks and after work.
After cleaning apply high-fat content skin care cream.
Do not put any product-impregnated cleaning rags into your trouser pockets.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Only use containers specifically approved for the substance/product.
Keep container tightly closed and in a well-ventilated place.
Always close containers tightly after the removal of product.
Recommended storage temperature: 5 - 30 °C. Do not store at temperatures over: 40 °C

Hints on joint storage

Do not store together with: Oxidising agent,
Keep away from food, drink and animal feedingstuffs.

Further information on storage conditions

Protect against: Heat, Humidity, frost. Protect from direct sunlight.

7.3. Specific end use(s)

Grease.
Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

Air limit values: Mineral oil mist
Limit value type (country of origin): US-OSHA PEL-Value: 5 mg/m³
Limit value type (country of origin): ACGIH STEL-Value: 10 mg/m³

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection

Suitable eye protection: Tightly sealed safety glasses. (EN 166)

Hand protection

Tested protective gloves are to be worn: German Industry Norms (DIN) / European Norms (EN): EN 420, EN ISO 374.

Suitable material: NBR (Nitrile rubber), FKM (fluororubber).

Required properties: liquid-tight.

penetration time (maximum wearing period): > 480 min.

Thickness of glove material: 0,4 mm

Before using check leak tightness / impermeability. Protective gloves have to be replaced at the first sign of deterioration.

Skin protection

Handling larger quantities: Wear suitable protective clothing.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection necessary at: exceeding exposure limit values, insufficient ventilation, aerosol or mist generation.

Suitable respiratory protective equipment: Combination filter device (DIN EN 141)..

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Environmental exposure controls

Make sure spills can be contained, e.g. in sump pallets or kerbed areas.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Paste
Colour:	yellow
Odour:	like: mineral oil.
Odour threshold:	No data available

Test method

Boiling point or initial boiling point and boiling range:	No data available
Flammability:	Based on available data, the classification criteria are not met.
Flash point:	(Mineral oil) > 220 °C ISO 2592
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH-Value:	not applicable
Viscosity / kinematic: (at 40 °C)	(Mineral oil) ca. 1000 mm ² /s DIN 51562
Water solubility: (at 20 °C)	practically insoluble
Vapour pressure:	not applicable
Vapour pressure:	not applicable
Density (at 20 °C):	< 1,00 g/cm ³

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

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

Sustained combustibility:

No data available

Oxidizing properties

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

Other safety characteristics

Solvent content:

0%

drop point / drop range::

No data available.

Further Information

none

SECTION 10: Stability and reactivity

10.1. Reactivity

No risks worthy of mention.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

Do not mix with: Oxidizing agents, strong.

10.4. Conditions to avoid

storage stability: Do not store at temperatures over: 40 °C

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This material is combustible, but will not ignite readily.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

10.5. Incompatible materials

Oxidizing agents, strong.

10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapours.
In case of fire may be liberated: Carbon dioxide (CO₂), Carbon monoxide.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

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

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

Irritation and corrosivity

Irritant effect on the skin: On short hand contact: non-irritant.
Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).
Irritant effect on the eye: slightly irritant but not relevant for classification.

Sensitising effects

Contains 5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione, Benzenesulfonic acid, di-C10-14-alkyl derivs., calcium salts. May produce an allergic reaction.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.
The mineral oils in the product contain < 3 % DMSO-extract (IP 346).

STOT-single exposure

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

STOT-repeated exposure

Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

Aspiration hazard

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

11.2. Information on other hazards

Endocrine disrupting properties

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

SECTION 12: Ecological information

12.1. Toxicity

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

12.2. Persistence and degradability

Not easily bio-degradable (according to OECD-criteria).

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
1471316-72-9	Benzenesulfonic acid, di-C10-14-alkyl derivs., calcium salts	>8

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BCF

CAS No	Chemical name	BCF	Species	Source
1471316-72-9	Benzenesulfonic acid, di-C10-14-alkyl derivs., calcium salts	70.8 L/kg ww	aquatic biota	Quantitative structure-activity relationship (QSAR)

12.4. Mobility in soil

Due to the product's consistency dispersion into the environment is not possible.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

Further information

- Discharge into the environment must be avoided.
- Do not allow to enter into surface water or drains.
- Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

- Do not allow to enter into surface water or drains.
- Dispose of waste according to "Kreislaufwirtschafts- und Abfallgesetz (KrW-/AbfG)". Dispose of waste according to applicable legislation.
- The waste key according to the European Waste Catalogue (EWC number) refers to the real wastes origin and therefore is not product- but use-oriented.
- Consult the local waste disposal expert about waste disposal.

List of Wastes Code - residues/unused products

- 120112 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; spent waxes and fats; hazardous waste

List of Wastes Code - used product

- 120112 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; spent waxes and fats; hazardous waste

List of Wastes Code - contaminated packaging

- 150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Packing which cannot be properly cleaned must be disposed of.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

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14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)**14.1. UN number or ID number:**

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)**14.1. UN number or ID number:**

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)**14.1. UN number or ID number:**

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

Handling (Transport information): No special precautionary measures are necessary. See protective measures under point 7 and 8.

14.7. Maritime transport in bulk according to IMO instruments

No information available.

SECTION 15: Regulatory information

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

Information according to Directive 2012/18/EU (SEVESO III):

Not subject to 2012/18/EU (SEVESO III)

Additional information

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH).

National regulatory information

Employment restrictions:

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water hazard class (D):

1 - slightly hazardous to water

Additional information

Restricted to professional users.

The receiver of our product is singularly responsible for adhering to existing laws and regulations. Observe in addition any national regulations!

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 2,7,8,9,11,12,13,14,15,16.

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Abbreviations and acronyms

Skin Sens: Skin sensitisation

Aquatic Chronic: Chronic aquatic hazard

Relevant H and EUH statements (number and full text)

H317 May cause an allergic skin reaction.

H413 May cause long lasting harmful effects to aquatic life.

EUH208 Contains Benzenesulfonic acid, di-C10-14-alkyl derivs., calcium salts,
5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione. May produce an allergic reaction.**Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)