



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

1.1 Product identifier

Trade name: MULTI-Grease

This safety data sheet pertains to the following products:
Article number 723140, MULTI-Grease, 140 gr. Pinseldose
Article number 723500, MULTI-Grease, 500 gr. Dose

UFI: DA20-10N5-6009-QP80

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

General use: Lubricating greases, Foodgrease.
Thermal stability: <150 °C.

1.3 Details of the supplier of the safety data sheet

Company name: EUROTECH Maier Ernst GmbH

Street/POB-No.: Herrschaftswiesen 5

Postal Code, city: AT-6842 Koblach

WWW: www.eurotech.at

E-mail: office@eurotech.at

Telephone: +43 (0)5523 53852

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Department responsible for information:

Telephone: +43 (0)5523 53852, Email: office@eurotech.at

1.4 Emergency telephone number

GIZ-Nord, Göttingen
Telephone: +49 551-19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

This mixture is classified as not hazardous.

2.2 Label elements

Labelling (CLP)

Hazard statements: not applicable

Precautionary statements: not applicable

2.3 Other hazards

Special danger of slipping by leaking/spilling product.

Endocrine disrupting properties, Results of PBT and vPvB assessment:

No data available

SECTION 3: Composition/information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Chemical characterisation: Lubricating grease on the basis of synthetic oils.



SECTION 4: First aid measures

4.1 Description of first aid measures

In case of inhalation:	Provide fresh air. Seek medical treatment in case of troubles.
Following skin contact:	Thoroughly wash skin with soap and water. Do not use any organic solvents. Seek medical treatment in case of troubles. injection of oil into the skin may cause permanent local skin damage. There may be no signs of initial injury or pain. Immediately get medical attention.
After eye contact:	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of troubles or persistent symptoms, consult an ophthalmologist.
After swallowing:	Never give anything by mouth to an unconscious person. Rinse mouth immediately and drink plenty of water. Do not induce vomiting without medical assistance. Consult physician.

4.2 Most important symptoms and effects, both acute and delayed

In case of inhalation: Overheating released mist or vapours can irritate the respiratory tracts.

Other symptoms: Cough, respiratory complaints, dizziness, nausea, vomiting.

In case of ingestion:

Following symptoms can occur depending on degree of seriousness: Nausea, gastrointestinal complaints, vomiting, diarrhoea.

After contact with skin: Frequent or prolonged skin contact may cause irritation and inflammation. injection of oil into the skin may cause permanent local skin damage. There may be no signs of initial injury or pain.

After eye contact:

Product can cause slight irritation. Upon direct contact with eyes may cause burning, tearing, redness.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Foam, extinguishing powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

Full water jet

5.2 Special hazards arising from the substance or mixture

This material is combustible, but will not ignite readily. The product may release harmful vapours by heating. Vapours can form explosive mixtures with air.

In case of fire may be liberated: hydrocarbons, carbon monoxide and carbon dioxide.

5.3 Advice for firefighters

Special protective equipment for firefighters:

Treat as oil fire. Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information:

Seal off endangered area. Heating causes rise in pressure with risk of bursting. Cool endangered containers with water spray and, if possible, remove from danger zone. Use water spray jet to knock down vapours. Do not breathe fumes. Do not allow fire water to penetrate into surface or ground water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Eliminate all ignition sources if safe to do so. Avoid contact with the substance. Avoid formation of aerosols/vapours. Wear appropriate protective equipment. Ensure adequate ventilation, especially in confined areas.



6.2 Environmental precautions

Do not allow to penetrate into soil, waterbodies or drains.

6.3 Methods and material for containment and cleaning up

Plug leak if safely possible. Collect with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents, or sawdust) and place in closed containers for disposal. Final cleaning. Dispose of waste according to applicable legislation.

Additional information: Special danger of slipping by leaking/spilling product.

6.4 Reference to other sections

Refer additionally to section 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed. Avoid prolonged, intensive skin contact and contact with the eyes. Do not ingest. Avoid formation of aerosols/vapours. Do not breathe vapour/aerosol. Wear appropriate protective equipment. Don't put cleaning rags fouled by oil into trousers pockets. When using do not eat, drink or smoke.

Precautions against fire and explosion:

Usual measures for fire prevention. Keep away from heat sources, sparks and open flames. Use only non-sparking tools. Take precautionary measures against static discharges.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep container tightly closed in a cool place. Store in a dry place. Do not drop, drag or bang the container. Store at room temperature. Protect from frost and exposure to sun. Keep away from incompatible materials.

Hints on joint storage:

Do not store together with strong oxidizing agents.

7.3 Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Additional information: Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Provide adequate ventilation.

Personal protection equipment

Occupational exposure controls

Respiratory protection: Respiratory protection is not necessary if room is well ventilated.

Hand protection: protective gloves according to EN 374.
Glove material: nitrile rubber
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Tightly sealed goggles according to EN 166.

Body protection: Wear suitable protective clothing.

General protection and hygiene measures:

Avoid prolonged, intensive skin contact and contact with the eyes. Change contaminated clothing. Do not use any organic solvents. Avoid formation of aerosols/vapours. Do not breathe vapour/aerosol. Have eye wash bottle or eye rinse ready at work place. Don't put cleaning rags fouled by oil into trousers pockets. After work, wash hands and face.

**Environmental exposure controls**

Refer to "6.2 Environmental precautions".

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Physical state at 20 °C and 101.3 kPa	Form: pasty
Colour:	colourless
Odour:	weak like petroleum
Odour threshold:	No data available
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flammability:	No data available
Upper/lower flammability or explosive limits:	No data available
Flash point/flash point range:	> 200 °C
Decomposition temperature:	>150 °C
pH:	No data available
Viscosity, kinematic:	No data available
Solubility:	soluble in organic solvents
Water solubility:	insoluble
Partition coefficient: n-octanol/water:	No data available
Vapour pressure:	negligible Do not use any organic solvents.
Density:	at 20 °C: 0.900 g/mL
Vapour density:	No data available
Particle characteristics:	Not applicable

9.2 Other information

Explosive properties:	No data available
Oxidizing characteristics:	No data available
Auto-ignition temperature:	> 250 °C (ASTM E659)
Drop point/drop range:	> 300 °C (ISO 2176)
Evaporation rate:	No data available

SECTION 10: Stability and reactivity**10.1 Reactivity**

Refer to 10.3

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions are known.

10.4 Conditions to avoid

Avoid open flames. Keep away from sources of ignition. Protect from excessive heat.

10.5 Incompatible materials

Avoid contact with strong oxidizing agents.



10.6 Hazardous decomposition products

Exposure to heat may produce hazardous decomposition products: hydrocarbons, aldehydes, carbon, carbon monoxide and carbon dioxide.

Thermal decomposition: >150 °C

SECTION 11: Toxicological information

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

Toxicological effects:

- Acute toxicity (oral): Based on available data, the classification criteria are not met.
- Acute toxicity (dermal): Based on available data, the classification criteria are not met.
- Acute toxicity (inhalative): Lack of data.
- Skin corrosion/irritation: Based on available data, the classification criteria are not met.
- Serious eye damage/irritation: Based on available data, the classification criteria are not met.
- Sensitisation to the respiratory tract: Lack of data.
- Skin sensitisation: Based on available data, the classification criteria are not met.
- Germ cell mutagenicity/Genotoxicity: Lack of data.
- Carcinogenicity: Based on available data, the classification criteria are not met.
- Reproductive toxicity: Lack of data.
- Effects on or via lactation: Lack of data.
- Specific target organ toxicity (single exposure): Lack of data.
- Specific target organ toxicity (repeated exposure): Lack of data.
- Aspiration hazard: Lack of data.

11.2 Information on other hazards

Endocrine disrupting properties: No data available

Symptoms

In case of inhalation: Overheating released mist or vapours can irritate the respiratory tracts.
Other symptoms: Cough, respiratory complaints, dizziness, nausea, vomiting.
In case of ingestion:
Following symptoms can occur depending on degree of seriousness: Nausea, gastrointestinal complaints, vomiting, diarrhoea.
After contact with skin: Frequent or prolonged skin contact may cause irritation and inflammation.
injection of oil into the skin may cause permanent local skin damage. There may be no signs of initial injury or pain.
After eye contact:
Product can cause slight irritation. Upon direct contact with eyes may cause burning, tearing, redness.

SECTION 12: Ecological information

12.1 Toxicity

Further details:

- Mobility:
soil: low.
- Water: Substance floats on the water surface.

12.2 Persistence and degradability

Further details:

- Part of the components is biodegradable.
- Individual components: not bio-degradable.

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water:
No data available

**12.4 Mobility in soil**

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Endocrine disrupting properties

No data available

12.7 Other adverse effects

General information: Do not allow to penetrate into soil, waterbodies or drains.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**Waste key number: 20 01 26* = oil and fat
* = Evidence for disposal must be provided.Recommendation: Incinerate according to applicable local, state and federal regulations.
Smaller quantities can be disposed of with household waste.**Package**Recommendation: Waste key number: 150102 Plastic packaging
Waste key number: 150104 metallic packaging
Dispose of waste according to applicable legislation.
Completely emptied packages can be recycled.**SECTION 14: Transport information****14.1 UN number or ID number**

ADR/RID, IMDG, IATA-DGR: not applicable

14.2 UN proper shipping name

ADR/RID, IMDG, IATA-DGR: Not restricted

14.3 Transport hazard class(es)

ADR/RID, IMDG, IATA-DGR: not applicable

14.4 Packing group

ADR/RID, IMDG, IATA-DGR: not applicable

14.5 Environmental hazardsDangerous for the environment: Substance/mixture is not environmentally hazardous
according to the criteria of the UN model regulations.

Marine pollutant: no

14.6 Special precautions for user

No dangerous good in sense of these transport regulations.

14.7 Maritime transport in bulk according to IMO instruments

No data available



SECTION 15: Regulatory information

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

National regulations - EC member states

Further regulations, limitations and legal requirements:

No data available

15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

SECTION 16: Other information

Reason of change: General revision

Date of first version: 9/6/2010

Department issuing data sheet: see section 1: Department responsible for information

Abbreviations and acronyms:

- ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- AS/NZS: Australian Standards/New Zealand Standards
- CAS: Chemical Abstracts Service
- CFR: Code of Federal Regulations
- CLP: Classification, Labelling and Packaging
- DMEL: Derived minimal effect level
- DNEL: Derived no-effect level
- EC: European Community
- EN: European Standard
- EQ: Excepted quantities
- EU: European Union
- IATA: International Air Transport Association
- IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
- IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
- IMDG Code: International Maritime Dangerous Goods Code
- MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
- OSHA: Occupational Safety and Health Administration
- PBT: Persistent, bioaccumulative and toxic
- PNEC: Predicted no-effect concentration
- REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
- RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail
- TRGS: Technical Rules for Hazardous Substances
- vPvB: Very persistent and very bioaccumulative

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.