



ES WIRKT.

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

Mehrzweckfett

Print date 14.12.2022
Revision date 01.12.2022
Version 2.0 (en)
replaces version of 12.10.2022 (1.9)

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

1.1 Product identifier

Trade name/designation Mehrzweckfett

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

Use of the substance/mixture

Lubricant

Remark

UFI: DA9T-314P-UQ0R-001P

1.3 Details of the supplier of the safety data sheet

Manufacturer

F.W.Klever
Hauptstraße 20
D-84168 Aham
Telephone +49 (0) 8744 96 99 10
Telefax + 49 (0) 8744 96 99 96
E-mail info@ballistol.de
Website www.ballistol.de

Department responsible for information:

Qualitätssicherung
Telephone +49 (0) 8744 96 99 80

E-mail (competent person):

info@ballistol.de

*** 1.4 Emergency telephone number**

Emergency CONTACT (24-Hour-Number): GBK GmbH +49 (0)6132-84463

*** SECTION 2: Hazards identification**

*** 2.1 Classification of the substance or mixture**

Remark

The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Special rules for supplemental label elements for certain mixtures

EUH208 contains Polysulfide, Di-tert-dodecyl-;Amine, C10-14-tert-Alkyl-. Can cause allergic reactions.

*** Remark**

UFI: DA9T-314P-UQ0R-001P

2.3 Other hazards

Results of PBT and vPvB assessment

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



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SECTION 3: Composition / information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

Hazardous ingredients

CAS No.	EC No.	Substance name	Concentration	Classification according to Regulation (EC) No 1272/2008 [CLP]	SCL/ M/ ATE
68425-15-0	270-335-7	Polysulfide, Di-tert-dodecyl-	0.3 < 1 weight-%	Skin Sens. 1B; H317	
68955-53-3	701-175-2	Amine, C10-14-tert-Alkyl-	< 0.1 weight-%	Acute Tox. 4; H302 Acute Tox. 3; H311 Acute Tox. 2; H330 Skin Corr. 1B; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	

REACH No.	Substance name
01-2119540516-41	Polysulfide, Di-tert-dodecyl-
01-2119456798-18	Amine, C10-14-tert-Alkyl-

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

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

Following inhalation

Remove casualty to fresh air and keep warm and at rest.
In the event of symptoms refer for medical treatment.

Following skin contact

After contact with skin, wash immediately with plenty of water and soap.
In case of skin irritation, consult a physician.

After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.



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Following ingestion

Do NOT induce vomiting.
Call a physician immediately.
Rinse mouth thoroughly with water.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

With prolonged contact: irritation of the skin
In certain cases, the symptoms of poisoning may only occur after a long period of time/after several hours.
Gastrointestinal complaints

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Foam
Extinguishing powder
Carbon dioxide (CO₂)

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

In case of fire formation of dangerous gases possible.
Carbon monoxide
Carbon dioxide (CO₂)

5.3 Advice for firefighters

Special protective equipment for firefighters

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

Additional information

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Use personal protection equipment.
Special danger of slipping by leaking/spilling product.

6.2 Environmental precautions

Do not allow to enter into surface water or drains.



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6.3 Methods and material for containment and cleaning up

For containment

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).
Take up mechanically and send for disposal.

6.4 Reference to other sections

No data available

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

Keep away from sources of ignition - No smoking.

Avoid:

Eye contact
Skin contact

Advices on general occupational hygiene

Thorough skin-cleansing after handling the product.

Apply skin care products after work.

When using do not eat, drink, smoke, sniff.

Remove contaminated, saturated clothing immediately.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

No special actions required.

Storage class

no classification

Materials to avoid

Do not store together with:

Oxidising agent

Further information on storage conditions

Keep only in the original container in a cool, well-ventilated place.

Protect from sun, moisture and heat.

Protect from frost.

Protect from direct solar radiation.

7.3 Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No data available

8.2 Exposure controls

Personal protection equipment

Eye/face protection

Eye glasses with side protection



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Hand protection

The material of the gloves has to be impermeable and consistent for the substance. Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
Wear suitable protective gloves. Recommended glove brands: EN ISO 374. Suitable material NBR (Nitrile rubber). Breakthrough time >480 min (thickness of glove material: 0.4mm).

Body protection:

Protective clothing

Respiratory protection

Approved respirator must be worn if aerosol or mist is present.

Environmental exposure controls

Technical measures to prevent exposure

Do not get into the sewage water system

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state

Paste

Colour

light brown

Odour

characteristic

Safety relevant basis data

	Value	Method	Source, Remark
Odour threshold:	not determined		
Melting point/freezing point	not determined		
Boiling point or initial boiling point and boiling range	not determined		
flammability	not determined		
Lower and upper explosion limit	not determined		
Flash point	> 190 °C	EN ISO 2592	
Auto-ignition temperature	not determined		
Decomposition temperature			No decomposition if used as directed.
pH	not determined		
Viscosity	not determined		
Solubility(ies)	Water solubility		practically insoluble
Partition coefficient n-octanol/water (log value)	not determined		
Vapour pressure	not determined		
Density and/or relative density	approx. 0.9 g/cm ³ (15°C) pressure 1013 mbar		



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	Value	Method	Source, Remark
Relative vapour density	not determined		
particle characteristics	not determined		

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

No data available

10.3 Possibility of hazardous reactions

No hazardous reactions known.

10.4 Conditions to avoid

Hitze

10.5 Incompatible materials

Oxidising agent, strong

10.6 Hazardous decomposition products

No data available

SECTION 11: Toxicological information

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

Acute toxicity

Animal data

	Effective dose	Method, Evaluation	Source, Remark
Acute oral toxicity	612 mg/kg Species Rat		
Acute dermal toxicity	251 mg/kg Species Rat		
Acute inhalation toxicity	1.19 mg/L Species Rat Exposure time 4 h		

Skin corrosion/irritation

Animal data

Result / Evaluation	Method	Source, Remark
		Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Animal data

Result / Evaluation	Method	Source, Remark
		Based on available data, the classification criteria are not met.



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Sensitisation to the respiratory tract

Assessment/classification

Contains polysulfides, di-tert-dodecyl-;amines, C10-14-tert-alkyl-. May cause allergic reaction.

Skin sensitisation

Animal data

Table with 4 columns: Result / Evaluation, Dose / Concentration, Method, Source, Remark. Contains polysulfides, di-tert-dodecyl-;amines, C10-14-tert-alkyl-. May cause allergic reaction.

Germ cell mutagenicity

Table with 4 columns: Value, Method, Result / Evaluation, Remark. In vitro mutagenicity/genotoxicity. Based on the available data, the classification criteria are not met.

Carcinogenicity

Animal data

Table with 4 columns: Value, Method, Result / Evaluation, Remark. Carcinogenicity. Based on available data, the classification criteria are not met.

Reproductive toxicity

Animal data

Table with 4 columns: Value, Method, Result / Evaluation, Remark. Reproductive toxicity. Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

STOT-single exposure

Overall Assessment on CMR properties

STOT SE 1 and 2

Animal data

Table with 5 columns: Effective dose, Method, Specific effects, Organs affected, Source, Remark. Oral specific target organ toxicity (single exposure), Dermal specific target organ toxicity (single exposure), Inhalative specific target organ toxicity (single exposure).



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Other information

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

STOT-repeated exposure

STOT SE 3

Narcotic effects

Animal data

	Effective dose	Method	Specific effects:	Organs affected:	Source, Remark
Oral specific target organ toxicity (repeated exposure)					Based on the available data, the classification criteria are not met
Oral specific target organ toxicity (repeated exposure)					Based on the available data, the classification criteria are not met
Dermal specific target organ toxicity (repeated exposure)					Based on the available data, the classification criteria are not met
Dermal specific target organ toxicity (repeated exposure)					Based on the available data, the classification criteria are not met
Inhalative specific target organ toxicity (repeated exposure)					Based on the available data, the classification criteria are not met
Inhalative specific target organ toxicity (repeated exposure)					Based on the available data, the classification criteria are not met

Other information

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt

Aspiration hazard

Remark

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

11.2 Information on other hazards

No data available

Other information

When properly used the product according to our experience and the information available to us caused no harmful effects.



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SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

	Effective dose	Method, Evaluation	Source, Remark
Acute (short-term) fish toxicity	LC50: > 100 g/m ³ Species Danio rerio (zebrafish) Test duration 96 h	OECD 203	
Chronic (long-term) fish toxicity	not determined		
Acute (short-term) toxicity to crustacea	not determined		
Chronic (long-term) toxicity to aquatic invertebrate	not determined		
Acute (short-term) toxicity to algae and cyanobacteria	not determined		
Chronic (long-term) toxicity to aquatic algae and cyanobacteria	not determined		
Toxicity to other aquatic plants/organisms	not determined		
Toxicity to microorganisms	not determined		

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

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

No data available

12.7 Other adverse effects

Additional ecotoxicological information

Additional information

Technically correct releases of minimal concentrations to adapted biological sewage plants, will not disturb the biodegradability of activated sludge.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste codes/waste designations according to EWC/AVV

Waste code product	Waste name
120112 *	spent waxes and fats

Appropriate disposal / Product

Dispose as specified by the public authorities.



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Appropriate disposal / Package

Completely emptied packages can be recycled.
Recycle sales packaging via DSD (Duales System Deutschland).

Remark

Contaminated cleaning rags, paper or other organic material present a fire hazard and must be collected and disposed of in a controlled manner.

SECTION 14: Transport information

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN number or ID number	-	-	-
14.2 UN proper shipping name	-	-	-
14.3 Transport hazard class(es)	-	-	-
14.4 Packing group	-	-	-
14.5 Environmental hazards	No	No	No

14.6 Special precautions for user

No data available

14.7 Maritime transport in bulk according to IMO instruments

No data available

All transport carriers

No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.

SECTION 15: Regulatory information

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

No data available

15.2 Chemical Safety Assessment

For this substance a chemical safety assessment is not required.

SECTION 16: Other information

Additional information

National and local regulations concerning chemicals shall be observed.

Relevant H- and EUH-phrases (Number and full text)

- H302 Harmful if swallowed.
- H311 Toxic in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H330 Fatal if inhaled.
- H400 Very toxic to aquatic life.



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H410 Very toxic to aquatic life with long lasting effects.

Indication of changes

* Data changed compared with the previous version