

Safety Data Sheet

according to UK REACH Regulation

Fernhalte-Granulat

Revision date: 04.12.2023

Product code: 215

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

1.1. Product identifier

Fernhalte-Granulat

UFI: 1ESC-F598-65C1-2QDP

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

Use of the substance/mixture

repellents

1.3. Details of the supplier of the safety data sheet

Company name: Trixie Heimtierbedarf GmbH & Co. KG
Street: Industriestraße 32
Place: D-27963 Tarp
Telephone: +49 4638 2109-100
e-mail: vertrieb@trixie.de
Internet: www.trixie.de

Further Information

1.4. Notrufnummer: Schweiz, Tox Info Suisse: 145, vom Ausland: +41 44 251 51 51 Österreich,
Vergiftungsinformationszentrale: +43 1 406 43 43 Deutschland, Giftnotruf München: +49 89 19 240 France,
NRS / ORFILA : + 33 (0)1 45 42 59 59 Luxembourg, Vergiftungsinformationszentrale : +320 22649636

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP]. Classification and labeling are based on the results of toxicological tests on the product (mixture)

2.2. Label elements

GB CLP Regulation

Precautionary statements

P102 Keep out of reach of children.

Special labelling of certain mixtures

EUH208 Contains 2-hydroxy-alpha, 4-trimethylcyclohexanemethanol, Citronellol. May produce an allergic reaction.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
1245629-80-4	Eucalyptus citriodora oil, hydrated, cyclized (EC oil (H / C))			>=5 - < 10 %
	Eye Irrit. 2; H319			
8042-47-5	Paraffin oil perliquidum			> 5 - < 10 %
	232-455-8			
	Asp. Tox. 1; H304			
64-17-5	ethanol; ethyl alcohol			< 5 %
	200-578-6	603-002-00-5		
	Flam. Liq. 2; H225			
42822-86-6	2-hydroxy-alpha, 4-trimethylcyclohexanemethanol			< 5 %
	255-953-7			
	Flam. Liq. 3, Skin Sens. 1, Aquatic Chronic 3; H226 H317 H412			
106-22-9	Citronellol			< 0,50 %
	203-375-0			
	Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 2; H315 H317 H411			

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		
1245629-80-4		Eucalyptus citriodora oil, hydrated, cyclized (EC oil (H / C))	>=5 - < 10 %
	dermal: LD50 = > 2000 mg/kg; oral: LD50 = 2408 mg/kg		
8042-47-5	232-455-8	Paraffin oil perliquidum	> 5 - < 10 %
	inhalation: LC50 = 5 mg/l (vapours); inhalation: LC50 = >5000 mg/l (dusts or mists); dermal: LD50 = >2000 mg/kg; oral: LD50 = >5000 mg/kg		
64-17-5	200-578-6	ethanol; ethyl alcohol	< 5 %
	inhalation: LC50 = 95,6 mg/l (vapours); oral: LD50 = 6200 mg/kg		
106-22-9	203-375-0	Citronellol	< 0,50 %
	dermal: LD50 = 2650 mg/kg; oral: LD50 = 3450 mg/kg		

SECTION 4: First aid measures**4.1. Description of first aid measures****After inhalation**

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist. Remove any existing contact lenses if possible

After ingestion

Rinse mouth thoroughly with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person or a person with cramps.

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

No information available.

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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

Carbon dioxide (CO₂) Foam Extinguishing powder Water spray jet

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Non-flammable. In case of fire may be liberated:

Carbon monoxide

Carbon dioxide (CO₂)

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately.

Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Use personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff. Take off contaminated clothing.

Wash hands before breaks and after work. When using do not eat or drink.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place. Protect against: Frost

Hints on joint storage

Do not store together with: Food and feedingstuffs

7.3. Specific end use(s)

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repellents

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL

8.2. Exposure controls



Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye/face protection.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Use of protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	solid	
Colour:	white	
Odour:	eucalyptus	
Melting point/freezing point:		not determined
Boiling point or initial boiling point and boiling range:		not determined
Flammability:		not applicable not applicable
Lower explosion limits:		not determined
Upper explosion limits:		not determined
Flash point:		> 105 °C
Auto-ignition temperature:		not determined
Decomposition temperature:		not determined
pH-Value:		5,0 - 6,5
Water solubility:		easily soluble
Solubility in other solvents		
	not determined	
Partition coefficient n-octanol/water:		not determined
Vapour pressure:		not determined
Density (at 20 °C):		0,95 - 1,01 g/cm ³

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Relative vapour density: not determined

9.2. Other information**Information with regard to physical hazard classes**

Explosive properties

This information is not available.

Self-ignition temperature

Solid:

not applicable

Gas:

not applicable

Oxidizing properties

Not oxidising.

Other safety characteristics

Evaporation rate:

not determined

Solid content:

not determined

Viscosity / dynamic:

2,9 mPa·s

(at 20 °C)

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

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

none

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in GB CLP Regulation**

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Acute toxicity

CAS No	Chemical name					
	Exposure route	Dose	Species	Source	Method	
1245629-80-4	Eucalyptus citriodora oil, hydrated, cyclized (EC oil (H / C))					
	oral	LD50 mg/kg	2408	Rat		
	dermal	LD50 mg/kg	> 2000	Rat		
8042-47-5	Paraffin oil perliquidum					
	oral	LD50 mg/kg	>5000	Ratte	Echa	
	dermal	LD50 mg/kg	>2000	Kaninchen	Echa	
	inhalation (4 h) vapour	LC50	5 mg/l	Ratte	Echa	
	inhalation (4 h) dust/mist	LC50 mg/l	>5000	Ratte		
64-17-5	ethanol; ethyl alcohol					
	oral	LD50 mg/kg	6200	Rat	IUCLID	
	inhalation (4 h) vapour	LC50	95,6 mg/l	Rat	RTECS	
106-22-9	Citronellol					
	oral	LD50 mg/kg	3450	Rat		
	dermal	LD50 mg/kg	2650	Rabbit		

Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

11.2. Information on other hazards**Endocrine disrupting properties**

not relevant

Further information

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

SECTION 12: Ecological information**12.1. Toxicity**

The product is not: Ecotoxic.

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
1245629-80-4	Eucalyptus citriodora oil, hydrated, cyclized (EC oil (H / C))					
	Acute fish toxicity	LC50 > 35 mg/l	96 h	Carassius auratus (goldfish)		
	Acute algae toxicity	ErC50 37 mg/l	72 h			
	Acute crustacea toxicity	EC50 > 26 mg/l	48 h	Daphnia magna (Big water flea)		
8042-47-5	Paraffin oil perliquidum					
	Acute fish toxicity	LC50 > 100 mg/l	96 h		Echa	
	Acute algae toxicity	ErC50 > 100 mg/l	72 h			
	Acute crustacea toxicity	EC50 >100 mg/l	48 h		Echa	
64-17-5	ethanol; ethyl alcohol					
	Acute crustacea toxicity	EC50 9268 - 14221 mg/l	48 h	Daphnia magna	IUCLID	
106-22-9	Citronellol					
	Acute fish toxicity	LC50 14,66 mg/l	96 h	Carassius auratus (goldfish)	ECHA	
	Acute crustacea toxicity	EC50 17,48 mg/l	48 h		ECHA	

12.2. Persistence and degradability

Readily biodegradable (according to OECD criteria).

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
8042-47-5	Paraffin oil perliquidum			
	OECD 301B	60 %	28	
	Leicht biologisch abbaubar (nach OECD-Kriterien).			
106-22-9	Citronellol			
		> 60%		

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
64-17-5	ethanol; ethyl alcohol	-0,31

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

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

The product has not been tested.

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

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No information available.

Further information

Avoid release to the environment.

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 applicable legislation.

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 40

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water
 Skin resorption/Sensitization: Causes allergic hypersensitivity reactions.

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15.2. Chemical safety assessment

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

SECTION 16: Other information**Abbreviations and acronyms**ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

Relevant H and EUH statements (number and full text)

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains 2-hydroxy-alpha, 4-trimethylcyclohexanemethanol, Citronellol. 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 receiver of our product is singularly responsible for adhering to existing laws and regulations.

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