

1 Identification

- **Product identifier**
- **Trade name:** FETT 3000
- **Relevant identified uses of the substance or mixture and uses advised against**
Einzelheiten zu den Expositionsszenarien im Anhang zu finden
- **Application of the substance / the mixture**
Grease
Only for proper handling.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**

MOTOREX AG
Bern-Zürich-Strasse 31, Postfach
CH-4901 Langenthal
Tel. +41 (0)62 919 75 75
www.motorex.com

A1 Accessory Imports
60-62 Burchill St.
Loganholme
4129 QLD
Australia
Phone : 07 3451 1300
- **Further information obtainable from:** msds@motorex.com
- **Emergency telephone number:**
In case of a medical emergency following exposure to a chemical, call Poisons Information Centre Australia 13 11 26

2 Hazard(s) Identification

- **Classification of the substance or mixture**
The product is not classified, according to the Globally Harmonised System (GHS).
- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition and Information on Ingredients

- **Chemical characterisation:** Mixtures
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 4259-15-8 EINECS: 224-235-5	zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate) Eye Dam. 1, H318	≥1-<2.5%
CAS: 68411-46-1 EINECS: 270-128-1	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene Repr. 2, H361	0.25-1%

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

Safety Data Sheet

according to WHS Regulations



Printing date 30.01.2024

Version number 5.0

Revision: 06.02.2023

Trade name: FETT 3000

(Contd. of page 1)

4 First Aid Measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Remove residues with soap and water.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:**
Do not induce vomiting. Do not take in resorption stimulating agents.
Consult a physician who will decide on need and method of emptying the stomach.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire Fighting Measures

- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** DO NOT USE WATER JET
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Protective equipment:** No special measures required.

6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections**
No dangerous substances are released.
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and Storage

- **Handling:**
- **Precautions for safe handling** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
The recommended storage temperature is (deg.C): ≤50°C
Store containers closed and protect against rain, dust, heat and other atmospheric influences.
- **Storage class:** 10
- **Specific end use(s)** No further relevant information available.

8 Exposure controls and personal protection

- **Additional information about design of technical facilities:** No further data; see section 7.

(Contd. on page 3)

Safety Data Sheet

according to WHS Regulations



Printing date 30.01.2024

Version number 5.0

Revision: 06.02.2023

Trade name: FETT 3000

(Contd. of page 2)

· Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· DNELs

4259-15-8 zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate)

Oral	DNEL/general population/Systemic effects/Long-term	0.19 mg/kg/24h (consumer)
Dermal	DNEL / Workers / Systemic effects / Long-term	9.6 mg/kg/24h (worker)
	DNEL/general population/Systemic effects/Long-term	4.8 mg/kg/24h (consumer)
Inhalative	DNEL / Workers / Systemic effects / Long-term	6.6 mg/m3 (worker)
	DNEL/general population/Systemic effects/Long-term	1.67 mg/m3 (consumer)

68411-46-1 Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene

Oral	DNEL/general population/Systemic effects/Long-term	0.04 mg/kg/24h (consumer)
Dermal	DNEL / Workers / Systemic effects / Long-term	0.08 mg/kg/24h (worker)
	DNEL/general population/Systemic effects/Long-term	0.04 mg/kg/24h (consumer)
Inhalative	DNEL / Workers / Systemic effects / Long-term	0.6 mg/m3 (worker)
	DNEL/general population/Systemic effects/Long-term	0.14 mg/m3 (consumer)

· PNECs

4259-15-8 zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate)

Oral	PNEC / Predators / Secondary poisoning	8.33 mg/kg food (secondary poisoning (predators))
	PNEC / Aquatic organisms / Freshwater	0.004 mg/l (aquatic organisms)
	PNEC / Aquatic organisms / Marine water	0.0046 mg/l (aquatic organisms)
	PNEC / Aquatic org / intermittent releases (freshwater)	0.044 mg/l (aquatic organisms)
	PNEC / Aquatic organisms / Sewage treatment plant / STP	3.8 mg/l (aquatic organisms)
	PNEC / Aquatic organisms / Sediment (freshwater)	0.322 mg/kg (aquatic organisms)
	PNEC / Aquatic organisms / Sediment (marine water)	0.0322 mg/kg (aquatic organisms)
	PNEC / Terrestrial organism / Soil	0.0619 mg/kg (terrestrial organisms)

68411-46-1 Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene

	PNEC / Aquatic organisms / Freshwater	0.0338 mg/l (aquatic organisms)
	PNEC / Aquatic organisms / Marine water	0.00338 mg/l (aquatic organisms)
	PNEC / Aquatic org / intermittent releases (freshwater)	0.51 mg/l (aquatic organisms)
	PNEC / Aquatic organisms / Sewage treatment plant / STP	10 mg/l (aquatic organisms)
	PNEC / Aquatic organisms / Sediment (freshwater)	0.446 mg/kg (aquatic organisms)
	PNEC / Aquatic organisms / Sediment (marine water)	0.0446 mg/kg (aquatic organisms)
	PNEC / Terrestrial organism / Soil	2.59 mg/kg (terrestrial organisms)

· Additional information: The lists valid during the making were used as basis.

· Personal protective equipment:

· General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

(Contd. on page 4)

Trade name: FETT 3000

(Contd. of page 3)

- **Respiratory protection:**
Not necessary if room is well-ventilated.
Respiratory protection if formation of aerosol or mist: use mask with filter type A2, A2/P2 or ABEK.
- **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Goggles recommended during refilling
- **Body protection:** Protective work clothing

9 Physical and Chemical Properties

- **General Information**
- **Appearance:**
- **Form:** Pasty
- **Colour:** Red-brown
- **Odour:** Characteristic
- **Odour threshold:** Not determined.
- **pH-value:** Not determined.
- **Change in condition**
- **Melting point/freezing point:** >250 °C
- **Initial boiling point and boiling range:** >250 °C (DIN EN ISO 3405)
- **Drip point:** 260 °C
- **Flash point:** >200 °C
- **Flammability (solid, gas):** Not applicable.
- **Decomposition temperature:** Not determined.
- **Explosive properties:** Product does not present an explosion hazard.
- **Explosion limits:**
- **Lower:** Not determined.
- **Upper:** Not determined.
- **Vapour pressure:** Not determined.
- **Density at 20 °C:** 0.94 g/cm³ (ASTM D 4052)
- **Relative density** Not determined.
- **Vapour density** Not determined.
- **Evaporation rate** Not determined.
- **Solubility in / Miscibility with**
- **water:** Not miscible or difficult to mix.
- **Partition coefficient: n-octanol/water:** Not determined.
- **Viscosity:** NLGI 2
- **Dynamic:** Not determined.
- **Kinematic:** Not determined.
- **Solvent separation test:**
- **VOC (EC)** 0.00 %
- **Other information** No further relevant information available.

AU

(Contd. on page 5)

Trade name: FETT 3000

(Contd. of page 4)

10 Stability and Reactivity

- **Reactivity** No further relevant information available.
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological Information

- **Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values relevant for classification:**

4259-15-8 zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate)		
Oral	LD50	3,100 mg/kg (rat)
	NOAEL	125 mg/kg/24h (rat)
Dermal	LD50	5,000 mg/kg (rabbit)
68411-46-1 Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene		
Oral	LD50	5,000 mg/kg (rat)
	NOEL	100 mg/kg/24h (rat)
	NOAEL	25 mg/kg/24h (rat)
	LOEL	125 mg/kg/24h (rat)
Dermal	LD50	2,000 mg/kg (rat)

- **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.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

12 Ecological Information

- **Toxicity**

- **Aquatic toxicity:**

4259-15-8 zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate)	
LC50	46 mg/l/96h (fish)
LL50	4.4 mg/l/96h (fish)
EL50	75 mg/l/48h (aquatic invertebrates)
EL50	240-410 mg/l/72h (algae / cyanobacteria)
NOEC	0.4-0.8 mg/l/21d (aquatic invertebrates)
NOELR	3.2 mg/l/96h (fish)
NOELR	32 mg/l/48h (aquatic invertebrates)
LOEC	0.8 mg/kg/28d (aquatic invertebrates)

(Contd. on page 6)

Safety Data Sheet

according to WHS Regulations



Printing date 30.01.2024

Version number 5.0

Revision: 06.02.2023

Trade name: FETT 3000

(Contd. of page 5)

68411-46-1 Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene

LC50	100 mg/l/96h (fish)
LC0	58 mg/l/96h (fish)
LC100	100 mg/l/96h (fish)
EC50	0.271-1 g/kg/28d (sediment)
EC50	100 mg/l/24h (aquatic invertebrates)
EC50	100 mg/l/72h (algae / cyanobacteria)
EC100	100 mg/l/48h (aquatic invertebrates)
EC50	51 mg/l/48h (aquatic invertebrates)
NOEC	0.03125-1 g/kg/28d (sediment)
	0.5-1 g/kg/28d (terrestr. macroorganisms (- arthropods))
NOEC	10-100 mg/l/72h (algae / cyanobacteria)
NOEC	10 mg/l/48h (aquatic invertebrates)
LOEC	0.0625-1 mg/l/21d (sediment)
	1 mg/l/21d (terrestr. macroorganisms (- arthropods))

- **Persistence and degradability** No further relevant information available.

- **Behaviour in environmental systems:**

- **Bioaccumulative potential**

4259-15-8 zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate)

Partition coefficient	3.59 [---] (log Kow) (Bioaccumulation)
-----------------------	--

68411-46-1 Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene

Partition coefficient	5.2-10.8 [---] (log Kow) (Bioaccumulation)
Bioconcentration factor (BCF)	1.73 BCF (Bioaccumulation)
Biodegradability	94.4 % (28d) (Biodegradability) (OECD 301 B)

- **Mobility in soil** No further relevant information available.

- **Additional ecological information:**

- **General notes:**

Water hazard class 1 (according to Appendix 1 AwSV): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**

- **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contact waste processors for recycling information.

Return product and/or partially emptied container in original packaging to the point of sale or hand it over to a collection point for special waste.

- **Uncleaned packaging:**

- **Recommendation:** Disposal must be made according to official regulations.

-AU

(Contd. on page 7)

Safety Data Sheet

according to WHS Regulations



Printing date 30.01.2024

Version number 5.0

Revision: 06.02.2023

Trade name: FETT 3000

(Contd. of page 6)

14 Transport information

· UN-Number · ADG, ADN, IMDG, IATA	Not classified as hazardous for transport
· UN proper shipping name · ADG, ADN, IMDG, IATA	Not classified as hazardous for transport
· Transport hazard class(es) · ADG, ADN, IMDG, IATA · Class	Not classified as hazardous for transport
· Packing group · ADG, IMDG, IATA	Not classified as hazardous for transport
· Environmental hazards: · Marine pollutant:	No
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· UN "Model Regulation":	Not classified as hazardous for transport

15 Regulatory information

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

· Australian Inventory of Industrial Chemicals

All ingredients are listed.

· Standard for the Uniform Scheduling of Medicines and Poisons

None of the ingredients is listed.

· Australia: Priority Existing Chemicals

None of the ingredients is listed.

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I None of the ingredients is listed.

· Chemical safety assessment: A Chemical Safety Assessment has been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The classification of the mixture was carried out by calculation in accordance with the rules laid down in Annex I of Regulation (EC) No 1272/2008.

No special training instructions to ensure protection of human health and environment are required.

· purity requirement

· Relevant phrases

H318 Causes serious eye damage.

H361 Suspected of damaging fertility or the unborn child.

· Department issuing SDS: Abteilung Produktsicherheit

· Contact:

· Abbreviations and acronyms:

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Repr. 2: Reproductive toxicity – Category 2

· * Data compared to the previous version altered.