Trade name: A.Z. Meisterteile Motorenöl MT-4D 10W-40

Version: 1 / HU Rev. Replaces Version: - / HU

Date revised: 23.08.2023 Print date: 06.09.2023

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

1.1. Product identifier

A.Z. Meisterteile Motorenöl MT-4D 10W-40

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

Use of the substance/preparation

Engine oil

1.3. Details of the supplier of the safety data sheet

Address

Unix Autó Kft. Frangepán utca 55-57. 1139 Budapest HU Telephone no. +36 1 270 8700

E-mail address of cs@unixauto.com person responsible for this SDS

1.4. Emergency telephone number

Egészségügyi Toxikológiai Tájékoztató Szolgálat (ETTSZ) - 1097 Budapest, Albert Flórián út 2-6. Tel.: +36 80 201 199 (0-24 órában, díjmentesen hívható – csak Magyarországról) - Tel.: +36 1 476 6464 (0-24 órában, normál díj ellenében hívható – külföldről is)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

EUH208 Contains C14-16-18 Alkyl phenol, May produce an allergic reaction.

Supplemental information

EUH210 Safety data sheet available on request.

2.3. Other hazards

No special hazards have to be mentioned.

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients

Distillates (Petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified

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CAS No.	64742-54-7				
EINECS no.	265-157-1				
Registration no.	01-2119484627-25				
Index no.	649-467-00-8				
Concentration	>= 1	<	10	%	
Classification (Regu	Ilation (EC) No. 1272/2008) Asp. Tox. 1	H304			
Additional remarks: CLP	Regulation (EC) No 1272	2/2008	Anney \	/I Note H I	
	roleum), C20-50, hydrotre				ooil unepocified
CAS No.	72623-87-1	ateu ne		-Daseu, Das	eon - unspecifieu
EINECS no.	276-738-4				
Registration no.	01-2119474889-13				
Index no.	649-483-00-5				
Concentration	>= 1	<	10	%	
Classification (Regu	Ilation (EC) No. 1272/2008) Asp. Tox. 1	H304			
	, iop. 10/11				
Additional remarks:					
CLP	Regulation (EC) No 1272				
	roleum), C15-30, hydrotre	ated ne	utral oil	-based; Bas	eoil - unspecified
CAS No. EINECS no.	72623-86-0 276-737-9				
Registration no.	01-2119474878-16				
Index no.	649-482-00-X				
Concentration	>= 1	<	10	%	
Classification (Regu	lation (EC) No. 1272/2008)				
	Asp. Tox. 1	H304			
Additional remarks:					
CLP	Regulation (EC) No 127	2/2008.	Annex ∖	/I. Note H. L	
Distillates (Petroleu	m), solvent-dewaxed light				cified
CAS No.	64742-56-9	pulaini	, 240		
EINECS no.	265-159-2				
Registration no.	01-2119480132-48				
Index no.	649-469-00-9	_	40	0/	
Concentration	>= 1 (Jation (EC) No. 1272/2008)	<	10	%	
Classification (Regl	Ilation (EC) No. 1272/2008) Asp. Tox. 1	H304			
	,	11007			
Additional remarks:					
CLP	Regulation (EC) No 1272	2/2008,	Annex ∖	/I, Note H, L	
	m), solvent-dewaxed heav	y parafi	inic; Ba	seoil - unsp	ecified
CAS No.	64742-65-0				
EINECS no.	265-169-7				
Registration no. Index no.	01-2119471299-27 649-474-00-6				
Concentration	>= 1	<	10	%	
	lation (EC) No. 1272/2008)				
τ. Ο	Asp. Tox. 1	H304			
Additional remarks:					
CLP	Regulation (EC) No 1272	2/2008	Annex \	I. Note H I	
	eum), catalytic dewaxed he				
Paramin ous (Petroie					

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EINECS no.	265-174-4				
Registration no.	01-2119487080-42				
Index no.	649-477-00-2		4.0	<u>.</u>	
Concentration	>= 1 ation (EC) No. 1272/2008)	<	10	%	
Classification (Regula	Alion (EC) No. 1272/2008) Asp. Tox. 1	H304			
Additional remarks:					
CLP	Regulation (EC) No 127	2/2008,	Annex V	/I, Note H, L	
zinc bis[O-(6-methylh	eptyl)] bis[O-(sec-butyl)]	bis(ditl	niophos	phate)	
CAS No.	93819-94-4	· ·	•	. ,	
EINECS no.	298-577-9				
Registration no.	01-2119543726-33			<u>.</u>	
Concentration	>= 1	<	2,5	%	
Classification (Regula	ation (EC) No. 1272/2008) Skin Irrit. 2	H315			
	Eye Dam. 1	H318			
	Aquatic Chronic 2	H411			
Concentration limits (Regulation (EC) No. 1272	/2008)			
·	Eye Dam. 1 H318	3 >=	12,5 %		
	Eye Irrit. 2 H319		10 < 12,	,5 %	
	Skin Irrit. 2 H315	5 >=	6,25 %		
C14-16-18 Alkyl phen					
EINECS no.	931-468-2				
Registration no. Concentration	01-2119498288-19 >= 0,1	<	1	%	
	ation (EC) No. 1272/2008)			,0	
	Skin Sens. 1B	H317			
	STOT RE 2	H373			
Further ingredients					
	m), catalytic dewaxed he	eavy; Ba	aseoil -	unspecified	
CAS No.	64742-70-7				
EINECS no. Registration no.	265-174-4 01-2119487080-42				
Index no.	649-477-00-2				
Concentration		>=	50	%	
[3]					
Classification (Regula	ation (EC) No. 1272/2008)				
	-				
Additional remarks:					
CLP	Regulation (EC) No 127	2/2008,	Annex V	/I, Note H, L	
Distillates (Petroleum), solvent-refined heavy	paraffin	ic: Base	eoil - unspeci	ified
CAS No.	64741-88-4		-	•	
EINECS no.	265-090-8				
Registration no.	01-2119488706-23				
Index no.	649-454-00-7		50	0/	
Concentration [3]	>= 25	<	50	%	
	ation (EC) No. 1272/2008)				
	-				

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Note

[3] Substance with occupational exposure limits

Other information

DMSO<3% (IP 346)

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of persistent symptoms consult doctor.

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

After ingestion

If individual is drowsy or unconscious place in recovery position (on left side, with head down). Call in a physician immediately and show him the Safety Data Sheet. Do not induce vomiting.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

4.2. Most important symptoms and effects, both acute and delayed Until now no symptoms known so far.

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

Hints for the physician / treatment

Treat symptomatically

Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam, Dry powder, Carbon dioxide, Water spray jet

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus.

Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains.

SECTION 6: Accidental release measures

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High risk of slipping due to leaka adequate ventilation. Keep awa	ective equipment and emergency age/spillage of product. Use personal prot y sources of ignition. Use breathing appar atact with skin, eyes and clothing. Refer to	ective clothing. Ensure atus if exposed to
	il/soil. Prevent spread over a wide area (e the drains/surface waters/groundwater.	e.g. by containment or oil
6.3. Methods and material for c Pick up with absorbent material environmental regulations. Disp	. Clean contaminated floors and objects th	noroughly, observing
6.4. Reference to other sections Refer to protective measures lis	-	
SECTION 7: Handling and s	torage	
7.1. Precautions for safe handli	ng	
Advice on safe handling		
Observe the usual precautions	-	
Advice on protection against No special measures required.	fire and explosion	
Classification of fires / temper	rature class / Ignition group / Dust e (Combustible liquid substances)	explosion class
7.2. Conditions for safe storage	e, including any incompatibilities	6
Requirements for storage roo Store product in closed contained		
Hints on storage assembly		
Do not store together with foods		
Further information on storag	e conditions Id dry. Protect from heat and direct sunligi	bt.
	id dry. Protect nom neat and drect surligi	
7.3. Specific end use(s) Engine oil		
SECTION 8: Exposure conti	ols/personal protection	
8.1. Control parameters		
Exposure limit values		
	dewaxed heavy paraffinic; Baseoil - un	nspecified
List Value	MSZ 5 mg/m³	
Pregnancy group: R; Remarks	5	
	20-50, hydrotreated neutral oil-based; E	Baseoil - unspecified
List Value Pregnancy group: R; Remarks	MSZ 5 mg/m³ [·] MK-érték [·] k	
i i sgilanoj group. I (, i tomano		
Paraffin oils (Petroleum), cataly	tic dewaxed heavy: Baseoil - unspecifi	ed

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Pregnancy group: R; Re	marks: MK-árták: k	
	catalytic dewaxed heavy; Baseoil - unspe	acified
List	MSZ	, en eu
Value	5 mg/m³	
Pregnancy group: R; Re		
	olvent-refined heavy paraffinic; Baseoil - u	unspecified
List Value	MSZ 5 mg/m³	
Pregnancy group: R; Re		
	drotreated heavy paraffinic; Baseoil - un	specified
List	MSZ	
Value	5 mg/m³	
Pregnancy group: R; Re		
	olvent-dewaxed light paraffinic; Baseoil -	unspecified
List Value	MSZ 5 mg/m ³	
Pregnancy group: R; Re	•	
	m), C15-30, hydrotreated neutral oil-base	d: Baseoil - unspecified
List	MSZ	a, Daseon - unspecified
Value	5 mg/m³	
Pregnancy group: R; Re	marks: MK-érték; k	
Other information		
There are not known any	further control parameters.	
8.2. Exposure controls		
•		
General protective and h		
•	itions for handling chemicals.	
Respiratory protection		
Not necessary, but do not approved for this particula	t inhale vapours. If workplace limits are exce	eded, a respiratory protection
	ar job must be worn.	
Hand protection		
Gloves Appropriate Material	neonrene	
	neoprene	
Eye protection	protection shield	
Safety glasses with side p		
Body protection	h ann ia a l in duadan a	
Clothing as usual in the c	nemical industry.	
ECTION OF Physical ar	ad abamical properties	
ECTION 9. Physical at	nd chemical properties	
9.1. Information on basic p	physical and chemical properties	
Physical state	liquid	
Colour	brown	
Odour	characteristic	
Density and/or relative d	ensity	
	858	kg/m³
Value	20 °C	
Temperature		
Temperature Method	ASTM D 4052	
Temperature		
Temperature Method		

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Temperature	40 °C				
Method	ASTM D 445				
Flash point					
Value Method	>= 215 ISO 2592	°C			
	150 2592				
Pourpoint Value	<= -36	°C			
Method	C= -30 DIN/ISO 3016	C			
Melting point					
Remarks	not determined				
Freezing point					
Remarks	not determined				
Boiling point or initial be	oiling point and boiling range				
Remarks	not determined				
Flammability					
not determined					
Upper and lower explosi	ive limits				
Remarks	not determined				
Boiling point or initial be	oiling point and boiling range				
01	not determined				
Ignition temperature					
Remarks	not determined				
Decomposition tempera	ture				
Remarks	not determined				
pH value					
Remarks	Not applicable				
Solubility(ies)					
Remarks	not determined				
Partition coefficient n-oc	ctanol/water (log value)				
Remarks	not determined				
Vapour pressure					
Remarks	not determined				
Relative vapour density					
Remarks	not determined				
2. Other information					
Odour threshold					
Remarks	not determined				
Evaporation rate (ether :	= 1) :				
Remarks	, not determined				
Solubility in water					
Remarks	not determined				
Auto-ignition temperatu	re				
Remarks	Not applicable				
Explosive properties					
evaluation	not determined				

	erteile Motorenöl MT-4D 10W-40 Version: 1 / HU Rev.	Date revised: 23.08.20
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Oxidising prop	erties	
Remarks	not determined	
Other informati		
	011	
None known		
SECTION 10: Sta	ability and reactivity	
10.1. Reactivity No hazardous	reactions when stored and handled according to prescribed	d instructions.
10.2. Chemical sta No hazardous	a bility reactions known.	
10.3. Possibility o Oxidising ager	f hazardous reactions	
10.4. Conditions t		
10.5. Incompatible		
	-	
10.6. Hazardous d Possible in trad	ecomposition products ces	
	nation in Section 2:	
ECTION 11: To	mation in Section 2: xicological information	C) No. 4070/2008
Relevant inform SECTION 11: To 11.1 Information of	nation in Section 2: xicological information on hazard classes as defined in Regulation (EC	C) No 1272/2008
Relevant inform SECTION 11: To 11.1 Information of Acute oral toxic	nation in Section 2: xicological information on hazard classes as defined in Regulation (EC city	
Relevant inform SECTION 11: To 11.1 Information of	nation in Section 2: xicological information on hazard classes as defined in Regulation (EC	
Relevant inform SECTION 11: To 11.1 Information of Acute oral toxic Remarks	nation in Section 2: xicological information on hazard classes as defined in Regulation (EC city	
Relevant inform SECTION 11: To 11.1 Information of Acute oral toxic Remarks Acute oral toxic	mation in Section 2: <u>xicological information</u> on hazard classes as defined in Regulation (EC city Based on available data, the classification o	criteria are not met.
Relevant inform SECTION 11: To 11.1 Information of Acute oral toxic Remarks Acute oral toxic Paraffin oils (Pe Species LD50	mation in Section 2: <u>xicological information</u> on hazard classes as defined in Regulation (EC city Based on available data, the classification of city (Components) etroleum), catalytic dewaxed heavy; Baseoil - unspecifi Rats (male/female) > 5000 mg/k	criteria are not met. ed
Relevant inform SECTION 11: To 11.1 Information of Acute oral toxic Remarks Acute oral toxic Paraffin oils (Pe Species LD50 Method	mation in Section 2: xicological information on hazard classes as defined in Regulation (EC city Based on available data, the classification of city (Components) etroleum), catalytic dewaxed heavy; Baseoil - unspecifi Rats (male/female) > 5000 mg/k OECD 401	criteria are not met. ed
Relevant inform SECTION 11: To 11.1 Information of Acute oral toxic Remarks Acute oral toxic Paraffin oils (Pe Species LD50 Method Remarks	mation in Section 2: xicological information on hazard classes as defined in Regulation (EC city Based on available data, the classification of city (Components) etroleum), catalytic dewaxed heavy; Baseoil - unspecifi Rats (male/female) > 5000 mg/k OECD 401 Test conducted with a similar formulation.	criteria are not met. ed
Relevant inform SECTION 11: To 11.1 Information of Acute oral toxic Remarks Acute oral toxic Paraffin oils (Paraffin oils (Par	mation in Section 2: xicological information on hazard classes as defined in Regulation (EC city Based on available data, the classification of city (Components) etroleum), catalytic dewaxed heavy; Baseoil - unspecifi Rats (male/female) > 5000 mg/k OECD 401 Test conducted with a similar formulation. ethylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)	criteria are not met. ed
Relevant inform SECTION 11: To 11.1 Information of Acute oral toxic Remarks Acute oral toxic Paraffin oils (Pe Species LD50 Method Remarks	mation in Section 2: xicological information on hazard classes as defined in Regulation (EC city Based on available data, the classification of city (Components) etroleum), catalytic dewaxed heavy; Baseoil - unspecifi Rats (male/female) > 5000 mg/k OECD 401 Test conducted with a similar formulation. ethylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate) rat (male)	eriteria are not met. Ied
Relevant inform SECTION 11: To 11.1 Information of Acute oral toxic Remarks Acute oral toxic Paraffin oils (Pe Species LD50 Method Remarks zinc bis[O-(6-m Species LD50	mation in Section 2: xicological information on hazard classes as defined in Regulation (EC city Based on available data, the classification of city (Components) etroleum), catalytic dewaxed heavy; Baseoil - unspecifi Rats (male/female) > 5000 mg/k OECD 401 Test conducted with a similar formulation. ethylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate) rat (male) 2600 mg/k	eriteria are not met. Ied
Relevant inform SECTION 11: To 11.1 Information of Acute oral toxic Remarks Acute oral toxic Paraffin oils (Per Species LD50 Method Remarks zinc bis[O-(6-m Species LD50 Acute dermal toxic	mation in Section 2: xicological information on hazard classes as defined in Regulation (EC city Based on available data, the classification of city (Components) etroleum), catalytic dewaxed heavy; Baseoil - unspecifi Rats (male/female) > 5000 mg/k OECD 401 Test conducted with a similar formulation. ethylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate) rat (male) 2600 mg/k	eriteria are not met. Ied
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Relevant inform SECTION 11: To 11.1 Information of Acute oral toxic Remarks Acute oral toxic Paraffin oils (Period Species LD50 Method Remarks Zinc bis[O-(6-m Species LD50 Acute dermal to Remarks Acute dermal to	mation in Section 2: xicological information on hazard classes as defined in Regulation (EC city Based on available data, the classification of city (Components) etroleum), catalytic dewaxed heavy; Baseoil - unspecifi Rats (male/female) > 5000 mg/k OECD 401 Test conducted with a similar formulation. ethylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate) rat (male) 2600 mg/k oxicity Based on available data, the classification of provincity (Components)	eriteria are not met. ed ag eriteria are not met.
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Relevant inform SECTION 11: To 11.1 Information of Acute oral toxic Remarks Acute oral toxic Paraffin oils (Pe Species LD50 Method Remarks Zinc bis[O-(6-m Species LD50 Acute dermal to Remarks Acute dermal to Species	mation in Section 2: xicological information on hazard classes as defined in Regulation (EC city Based on available data, the classification of city (Components) etroleum), catalytic dewaxed heavy; Baseoil - unspecifi Rats (male/female) > 5000 mg/k OECD 401 Test conducted with a similar formulation. ethylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate) rat (male) 2600 mg/k oxicity Based on available data, the classification of oxicity (Components) etroleum), catalytic dewaxed heavy; Baseoil - unspecifi rabbit	eriteria are not met. ed ag criteria are not met.
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Relevant inform SECTION 11: To 11.1 Information of Acute oral toxic Remarks Acute oral toxic Paraffin oils (Pe Species LD50 Method Remarks Zinc bis[O-(6-m Species LD50 Acute dermal to Remarks Acute dermal to Species LD50 Acute dermal to Species LD50 Method Remarks	mation in Section 2: xicological information on hazard classes as defined in Regulation (EC city Based on available data, the classification of city (Components) etroleum), catalytic dewaxed heavy; Baseoil - unspecifi Rats (male/female) > 5000 mg/k OECD 401 Test conducted with a similar formulation. ethylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate) rat (male) 2600 mg/k oxicity Based on available data, the classification of poxicity (Components) etroleum), catalytic dewaxed heavy; Baseoil - unspecifi rabbit > 5000 mg/k OECD 402	eriteria are not met. ed ag criteria are not met.
Relevant inform SECTION 11: To 11.1 Information of Acute oral toxic Remarks Acute oral toxic Paraffin oils (Pe Species LD50 Method Remarks Zinc bis[O-(6-m Species LD50 Acute dermal to Remarks Acute dermal to Species LD50 Acute dermal to Species LD50 Method Remarks Acute dermal to Species LD50 Method Remarks Acute dermal to Species LD50 Method Remarks Zinc bis[O-(6-m	mation in Section 2: xicological information on hazard classes as defined in Regulation (EC city Based on available data, the classification of city (Components) etroleum), catalytic dewaxed heavy; Baseoil - unspecifi Rats (male/female) > 5000 mg/k OECD 401 Test conducted with a similar formulation. ethylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate) rat (male) 2600 mg/k oxicity Based on available data, the classification of oxicity (Components) etroleum), catalytic dewaxed heavy; Baseoil - unspecifi rabbit > 5000 mg/k OECD 402 Test conducted with a similar formulation. ethylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)	eriteria are not met. ed sg sg criteria are not met. ed sg

de name: A.Z. Meisterteile Moto	renöl MT-4D 10W-40	
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Acute inhalational toxici Remarks	ty Based on available data, the classification crit	eria are not met.
Acute inhalative toxicity	(Components)	
	catalytic dewaxed heavy; Baseoil - unspecified	l
Species	rat	
LC50 Duration of exposure	> 5,53 mg/l 4 h	
Administration/Form	Dust/Mist	
Method	OECD 403	
Remarks	Test conducted with a similar formulation.	
zinc bis[O-(6-methylhepty	l)] bis[O-(sec-butyl)] bis(dithiophosphate)	
Species	rat (male)	
LC50	> 2 mg/l	
Duration of exposure	1 h	
Method	OECD 403	
Skin corrosion/irritation		
Remarks	Based on available data, the classification crit	eria are not met.
Serious eye damage/irri		
Remarks	Based on available data, the classification crit	eria are not met.
Serious eye damage/irri	ation (Components)	
Paraffin oils (Petroleum),	catalytic dewaxed heavy; Baseoil - unspecified	l
evaluation	non-irritant	
Method	OECD 405	
Sensitization		
Route of exposure	dermal	
evaluation	A sensitization is possible for persons who are	e sensitive.
Remarks	Based on available data, the classification crit	eria are not met.
Sensitization (Compone	nts)	
Paraffin oils (Petroleum),	catalytic dewaxed heavy; Baseoil - unspecified	I
evaluation	non-sensitizing	
Method	OECD 406	
Remarks	Test conducted with a similar formulation.	
	(I)] bis[O-(sec-butyI)] bis(dithiophosphate)	
Species evaluation	guinea pig non-sensitizing	
Method	OECD 406	
Subacute, subchronic, c		
Remarks	not determined	
Mutagenicity Remarks	Read on available data, the classification arit	oria ara nat mat
	Based on available data, the classification crit	ena are not met.
Reproductive toxicity		
Remarks	Based on available data, the classification crit	eria are not met.
Carcinogenicity		
Remarks	Based on available data, the classification crit	eria are not met.
Specific Target Organ Te	oxicity (STOT)	
Single exposure		
Remarks	Based on available data, the classification crit	eria are not met.
	, . <u>.</u>	
Repeated exposure		

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Aspiration hazard Based on available data,	the classification criteria are not	met.	
Endocrine disrupting pro	operties with respect to hur	mans	
The product does not con humans.	tain a substance that has endoo	crine disrupting prop	erties with respect to
ngredient data			
Acute oral toxicity (Com	ponents)		
Paraffin oils (Petroleum),	catalytic dewaxed heavy; Bas	eoil - unspecified	
Species LD50	Rats (male/female) > 5000	mg/kg	
Method	OECD 401	ing/kg	
Remarks	Test conducted with a simila	ar formulation.	
	l)] bis[O-(sec-butyl)] bis(dithio	ophosphate)	
Species LD50	rat (male) 2600	mg/kg	
Acute dermal toxicity (C		iiig/kg	
•	- ,	acil unanacified	
Species	catalytic dewaxed heavy; Bas	-	
LD50 Method	> 5000 OECD 402	mg/kg	
Remarks	Test conducted with a simila	ar formulation.	
	l)] bis[O-(sec-butyl)] bis(dithio	ophosphate)	
Species LD50	rabbit > 3160	malka	
Method	OECD 402	mg/kg	
Acute inhalative toxicity	(Components)		
	catalytic dewaxed heavy; Bas	eoil - unspecified	
Species	rat	•	
LC50 Duration of experiure	> 5,53 4 h	mg/l	
Duration of exposure Administration/Form	Dust/Mist		
Method	OECD 403		
Remarks	Test conducted with a simila		
zinc bis[O-(6-methylhepty Species	I)] bis[O-(sec-butyl)] bis(dithio rat (male)	ophosphate)	
LC50	> 2	mg/l	
Duration of exposure	1 h	0	
Method	OECD 403		
Serious eye damage/irrit			
Paraffin oils (Petroleum), evaluation Method	catalytic dewaxed heavy; Bas non-irritant OECD 405	eoil - unspecified	
Sensitization (Compone			
• •	•	anil - unenacified	
evaluation	catalytic dewaxed heavy; Bas non-sensitizing	eon - unspecified	
Method	OECD 406		
Remarks	Test conducted with a simila		
zinc bis[O-(6-methylhepty Species	bis[O-(sec-butyl)] bis(dithid guinea pig	ophosphate)	
evaluation	guinea pig non-sensitizing		

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Method	OECD 406		
Other information			
No toxicological data are	availahla		
ECTION 12: Ecologica	l information		
2.1. Toxicity			
General information			
not determined Fish toxicity (Componer	ts)		
		eavy; Baseoil - unspecifie	Ч
Species LL50		(Pimephales promelas) mg/l	u
Duration of exposure	96	h	
Method	OECD 203		
Remarks	Test conducted w	ith a similar formulation.	
zinc bis[O-(6-methylhepty Species		bis(dithiophosphate) corhynchus mykiss)	
LC50	4,5	mg/l	
Duration of exposure Method	96 OECD 203	h	
Daphnia toxicity (Compo	onents)		
		eavy; Baseoil - unspecifie	d
Species	Daphnia magna		
EL50 Duration of exposure	> 10000 48	mg/l h	
Method	0ECD 202	11	
Remarks		ith a similar formulation.	
		eavy; Baseoil - unspecifie	d
LL50	> 10000	mg/l	~
Duration of exposure	96	h	
Method	OECD 202		
Remarks	Test conducted w	ith a similar formulation.	
Paraffin oils (Petroleum), NOEL	catalytic dewaxed he > 10000	e <mark>avy; Baseoil - unspecifie</mark> mg/l	d
Duration of exposure	96	h	
Method	OECD 202		
Remarks		rith a similar formulation.	
Paraffin oils (Petroleum), Species	Daphnia magna	eavy; Baseoil - unspecifie	d
NOEL	10	mg/l	
Duration of exposure	21	d	
Method	OECD 211	ith a similar formerulation	
Remarks		vith a similar formulation.	
zinc bis[O-(6-methylhepty		bis(dithiophosphate)	
Species EL50	Daphnia magna	mall	
	5,4 48	mg/l h	
Duration of exposure Method	40 OECD 202		
···			

NOEL Duration of exposure Method			: 1 / HU Rev		
Duration of exposure Method		D		V.	Date revised: 23.08.20
Duration of exposure Method		Replac	es Version:	- / HU	Print date: 06.09.202
Method	>	100		mg/l	
	OECD	72	h		
Remarks			with a simila	r formulation.	
zinc bis[O-(6-methylhepty				phosphate)	
Species EbC50	Selena	astrum cap 2,1	oricornutum	mg/l	
Duration of exposure		96	h	mgn	
Method	OECD	201			
12.2. Persistence and degr	adability	У			
General information					
not determined					
Biodegradability					
evaluation		adily degra	idable		
Biodegradability (Compo			_		
Paraffin oils (Petroleum), e evaluation	not rea	adily degra	dable	·	
Distillates (Petroleum), so evaluation	not rea	adily degra	dable		fied
zinc bis[O-(6-methylhepty Value Duration of test)] bis[O-(sec-butyl) 1,5 28)] bis(dithio d	phosphate) %	
evaluation	not rea	adily degra			
12.3. Bioaccumulative pote	ential				
General information					
not determined					
Partition coefficient n-oc Remarks		ter (log v t determine	-		
Octanol/water partition c	oefficien	it (log Po	w) (Compo	onents)	
zinc bis[O-(6-methylhepty)] bis[O-(sec-butyl] bis(dithio	phosphate)	
log Pow Temperature		0,9 23	°C		
•		23	C		
12.4. Mobility in soil					
General information not determined					
12.5. Results of PBT and v	PvB ass	essmen	t		
General information not determined					
Results of PBT and vPvE The product contains no F The product contains no v	BT substa	ances			
12.6 Endocrine disrupting	properti	es			
Endocrine disrupting pro	perties v	with resp			erties with respect to

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General information

not determined

General information / ecology

Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

Dispose of waste according to applicable legislation. EWC waste code 13 02 08* other engine, gear and lubricating oils Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company. EWC waste code 15 01 10* packaging containing residues of or contaminated by

EVVC waste code

packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport	The product does not constitute a hazardous substance in sea transport	The product does not constitute a hazardous substance in air transport
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
Label			
14.4. Packing group	-	-	-
14.5. Environmental hazards		no	
	-		-

Information for all modes of transport

14.6. Special precautions for user See Sections 6 to 8

Other information

14.7 Maritime transport in bulk according to IMO instruments Not applicable

SECTION 15: Regulatory information

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

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Other information

There is no data available on the product apart from the information given in this subsection.

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information

Hazard statements listed in Chapter 3

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage, Category 1
Skin Irrit. 2	Skin irritation, Category 2
Skin Sens. 1B	Skin sensitization, Category 1B
STOT RE 2	Specific target organ toxicity - repeated exposure, Category 2

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: *** This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.