

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

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

Version: 1 / HU Rev.

Date revised: 23.08.2023

Replaces Version: - / HU

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-4 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 person responsible for this SDS cs@unixauto.com

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 (Regulation (EC) No. 1272/2008)
Asp. Tox. 1 H304

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note H, L

Lubricating oils (Petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified

CAS No. 72623-87-1
EINECS no. 276-738-4
Registration no. 01-2119474889-13
Index no. 649-483-00-5
Concentration ≥ 1 < 10 %
Classification (Regulation (EC) No. 1272/2008)
Asp. Tox. 1 H304

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note H, L

Lubricating oils (Petroleum), C15-30, hydrotreated neutral oil-based; Baseoil - unspecified

CAS No. 72623-86-0
EINECS no. 276-737-9
Registration no. 01-2119474878-16
Index no. 649-482-00-X
Concentration ≥ 1 < 10 %
Classification (Regulation (EC) No. 1272/2008)
Asp. Tox. 1 H304

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note H, L

Distillates (Petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified

CAS No. 64742-56-9
EINECS no. 265-159-2
Registration no. 01-2119480132-48
Index no. 649-469-00-9
Concentration ≥ 1 < 10 %
Classification (Regulation (EC) No. 1272/2008)
Asp. Tox. 1 H304

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note H, L

Distillates (Petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified

CAS No. 64742-65-0
EINECS no. 265-169-7
Registration no. 01-2119471299-27
Index no. 649-474-00-6
Concentration ≥ 1 < 10 %
Classification (Regulation (EC) No. 1272/2008)
Asp. Tox. 1 H304

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note H, L

Paraffin oils (Petroleum), catalytic dewaxed heavy; Baseoil - unspecified

CAS No. 64742-70-7

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EINECS no. 265-174-4
Registration no. 01-2119487080-42
Index no. 649-477-00-2
Concentration ≥ 1 < 10 %
Classification (Regulation (EC) No. 1272/2008)
Asp. Tox. 1 H304

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note H, L

zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)

CAS No. 93819-94-4
EINECS no. 298-577-9
Registration no. 01-2119543726-33
Concentration ≥ 1 < 2,5 %
Classification (Regulation (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 $\geq 12,5$ %
Eye Irrit. 2 H319 $\geq 10 < 12,5$ %
Skin Irrit. 2 H315 $\geq 6,25$ %

C14-16-18 Alkyl phenol

EINECS no. 931-468-2
Registration no. 01-2119498288-19
Concentration $\geq 0,1$ < 1 %
Classification (Regulation (EC) No. 1272/2008)
Skin Sens. 1B H317
STOT RE 2 H373

Further ingredients**Paraffin oils (Petroleum), catalytic dewaxed heavy; Baseoil - unspecified**

CAS No. 64742-70-7
EINECS no. 265-174-4
Registration no. 01-2119487080-42
Index no. 649-477-00-2
Concentration ≥ 50 %
[3]
Classification (Regulation (EC) No. 1272/2008)
-

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note H, L

Distillates (Petroleum), solvent-refined heavy paraffinic; Baseoil - unspecified

CAS No. 64741-88-4
EINECS no. 265-090-8
Registration no. 01-2119488706-23
Index no. 649-454-00-7
Concentration ≥ 25 < 50 %
[3]
Classification (Regulation (EC) No. 1272/2008)
-

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note H, L

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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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6.1. Personal precautions, protective equipment and emergency procedures

High risk of slipping due to leakage/spillage of product. Use personal protective clothing. Ensure adequate ventilation. Keep away sources of ignition. Use breathing apparatus if exposed to vapours/dust/aerosol. Avoid contact with skin, eyes and clothing. Refer to protective measures listed in Sections 7 and 8.

6.2. Environmental precautions

Do not discharge into the subsoil/soil. Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material. Clean contaminated floors and objects thoroughly, observing environmental regulations. Dispose of as prescribed.

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Observe the usual precautions for handling chemicals.

Advice on protection against fire and explosion

No special measures required.

Classification of fires / temperature class / Ignition group / Dust explosion class

Classification of fires B (Combustible liquid substances)

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store product in closed containers.

Hints on storage assembly

Do not store together with foodstuffs.

Further information on storage conditions

Keep container tightly closed and dry. Protect from heat and direct sunlight.

7.3. Specific end use(s)

Engine oil

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

Distillates (Petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified

List MSZ
Value 5 mg/m³
Pregnancy group: R; Remarks: MK-érték; k

Lubricating oils (Petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified

List MSZ
Value 5 mg/m³
Pregnancy group: R; Remarks: MK-érték; k

Paraffin oils (Petroleum), catalytic dewaxed heavy; Baseoil - unspecified

List MSZ
Value 5 mg/m³

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Pregnancy group: R; Remarks: MK-érték; k

Paraffin oils (Petroleum), catalytic dewaxed heavy; Baseoil - unspecified

List MSZ

Value 5 mg/m³

Pregnancy group: R; Remarks: MK-érték; k

Distillates (Petroleum), solvent-refined heavy paraffinic; Baseoil - unspecified

List MSZ

Value 5 mg/m³

Pregnancy group: R; Remarks: MK-érték; k

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

List MSZ

Value 5 mg/m³

Pregnancy group: R; Remarks: MK-érték; k

Distillates (Petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified

List MSZ

Value 5 mg/m³

Pregnancy group: R; Remarks: MK-érték; k

Lubricating oils (Petroleum), C15-30, hydrotreated neutral oil-based; Baseoil - unspecified

List MSZ

Value 5 mg/m³

Pregnancy group: R; Remarks: MK-érték; k

Other information

There are not known any further control parameters.

8.2. Exposure controls

General protective and hygiene measures

Observe the usual precautions for handling chemicals.

Respiratory protection

Not necessary, but do not inhale vapours. If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.

Hand protection

Gloves

Appropriate Material neoprene

Eye protection

Safety glasses with side protection shield

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state liquid

Colour brown

Odour characteristic

Density and/or relative density

Value 858 kg/m³

Temperature 20 °C

Method ASTM D 4052

Viscosity

kinematic

Value 83,9 mm²/s

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Temperature 40 °C
Method ASTM D 445

Flash point

Value >= 215 °C
Method ISO 2592

Pourpoint

Value <= -36 °C
Method DIN/ISO 3016

Melting point

Remarks not determined

Freezing point

Remarks not determined

Boiling point or initial boiling point and boiling range

Remarks not determined

Flammability

not determined

Upper and lower explosive limits

Remarks not determined

Boiling point or initial boiling point and boiling range

not determined

Ignition temperature

Remarks not determined

Decomposition temperature

Remarks not determined

pH value

Remarks Not applicable

Solubility(ies)

Remarks not determined

Partition coefficient n-octanol/water (log value)

Remarks not determined

Vapour pressure

Remarks not determined

Relative vapour density

Remarks not determined

9.2. Other information**Odour threshold**

Remarks not determined

Evaporation rate (ether = 1) :

Remarks not determined

Solubility in water

Remarks not determined

Auto-ignition temperature

Remarks Not applicable

Explosive properties

evaluation not determined

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Oxidising properties

Remarks not determined

Other information

None known

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

No hazardous reactions known.

10.3. Possibility of hazardous reactions

Oxidising agents

10.4. Conditions to avoid

No hazardous reactions known.

10.5. Incompatible materials

Oxidising agents, Reactions with strong acids.

10.6. Hazardous decomposition products

Possible in traces

Other information

Relevant information in Section 2:

SECTION 11: Toxicological information

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

Acute oral toxicity

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

Acute oral toxicity (Components)

Paraffin oils (Petroleum), catalytic dewaxed heavy; Baseoil - unspecified

Species	Rats (male/female)	
LD50	> 5000	mg/kg
Method	OECD 401	
Remarks	Test conducted with a similar formulation.	

zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)

Species	rat (male)	
LD50	2600	mg/kg

Acute dermal toxicity

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

Acute dermal toxicity (Components)

Paraffin oils (Petroleum), catalytic dewaxed heavy; Baseoil - unspecified

Species	rabbit	
LD50	> 5000	mg/kg
Method	OECD 402	
Remarks	Test conducted with a similar formulation.	

zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)

Species	rabbit	
LD50	> 3160	mg/kg
Method	OECD 402	

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Acute inhalational toxicity

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

Acute inhalative toxicity (Components)**Paraffin oils (Petroleum), catalytic dewaxed heavy; Baseoil - unspecified**

Species	rat	
LC50	> 5,53	mg/l
Duration of exposure	4	h
Administration/Form	Dust/Mist	
Method	OECD 403	
Remarks	Test conducted with a similar formulation.	

zinc bis[O-(6-methylheptyl)] 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 criteria are not met.

Serious eye damage/irritation

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

Serious eye damage/irritation (Components)**Paraffin oils (Petroleum), catalytic dewaxed heavy; Baseoil - unspecified**

evaluation	non-irritant
Method	OECD 405

Sensitization

Route of exposure	dermal
evaluation	A sensitization is possible for persons who are sensitive.
Remarks	Based on available data, the classification criteria are not met.

Sensitization (Components)**Paraffin oils (Petroleum), catalytic dewaxed heavy; Baseoil - unspecified**

evaluation	non-sensitizing
Method	OECD 406
Remarks	Test conducted with a similar formulation.

zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)

Species	guinea pig
evaluation	non-sensitizing
Method	OECD 406

Subacute, subchronic, chronic toxicity

Remarks not determined

Mutagenicity

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

Reproductive toxicity

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

Carcinogenicity

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

Specific Target Organ Toxicity (STOT)**Single exposure**

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

Repeated exposure

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

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Aspiration hazard

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

Endocrine disrupting properties with respect to humans

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

Ingredient data**Acute oral toxicity (Components)****Paraffin oils (Petroleum), catalytic dewaxed heavy; Baseoil - unspecified**

Species	Rats (male/female)	
LD50	> 5000	mg/kg
Method	OECD 401	
Remarks	Test conducted with a similar formulation.	

zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)

Species	rat (male)	
LD50	2600	mg/kg

Acute dermal toxicity (Components)**Paraffin oils (Petroleum), catalytic dewaxed heavy; Baseoil - unspecified**

Species	rabbit	
LD50	> 5000	mg/kg
Method	OECD 402	
Remarks	Test conducted with a similar formulation.	

zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)

Species	rabbit	
LD50	> 3160	mg/kg
Method	OECD 402	

Acute inhalative toxicity (Components)**Paraffin oils (Petroleum), catalytic dewaxed heavy; Baseoil - unspecified**

Species	rat	
LC50	> 5,53	mg/l
Duration of exposure	4	h
Administration/Form	Dust/Mist	
Method	OECD 403	
Remarks	Test conducted with a similar formulation.	

zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)

Species	rat (male)	
LC50	> 2	mg/l
Duration of exposure	1	h
Method	OECD 403	

Serious eye damage/irritation (Components)**Paraffin oils (Petroleum), catalytic dewaxed heavy; Baseoil - unspecified**

evaluation	non-irritant
Method	OECD 405

Sensitization (Components)**Paraffin oils (Petroleum), catalytic dewaxed heavy; Baseoil - unspecified**

evaluation	non-sensitizing	
Method	OECD 406	
Remarks	Test conducted with a similar formulation.	

zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)

Species	guinea pig
evaluation	non-sensitizing

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Method OECD 406

Other information

No toxicological data are available.

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

not determined

Fish toxicity (Components)**Paraffin oils (Petroleum), catalytic dewaxed heavy; Baseoil - unspecified**

Species	Fathead minnow (<i>Pimephales promelas</i>)
LL50	> 100 mg/l
Duration of exposure	96 h
Method	OECD 203
Remarks	Test conducted with a similar formulation.

zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)

Species	rainbow trout (<i>Oncorhynchus mykiss</i>)
LC50	4,5 mg/l
Duration of exposure	96 h
Method	OECD 203

Daphnia toxicity (Components)**Paraffin oils (Petroleum), catalytic dewaxed heavy; Baseoil - unspecified**

Species	Daphnia magna
EL50	> 10000 mg/l
Duration of exposure	48 h
Method	OECD 202
Remarks	Test conducted with a similar formulation.

Paraffin oils (Petroleum), catalytic dewaxed heavy; Baseoil - unspecified

LL50	> 10000 mg/l
Duration of exposure	96 h
Method	OECD 202
Remarks	Test conducted with a similar formulation.

Paraffin oils (Petroleum), catalytic dewaxed heavy; Baseoil - unspecified

NOEL	> 10000 mg/l
Duration of exposure	96 h
Method	OECD 202
Remarks	Test conducted with a similar formulation.

Paraffin oils (Petroleum), catalytic dewaxed heavy; Baseoil - unspecified

Species	Daphnia magna
NOEL	10 mg/l
Duration of exposure	21 d
Method	OECD 211
Remarks	Test conducted with a similar formulation.

zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)

Species	Daphnia magna
EL50	5,4 mg/l
Duration of exposure	48 h
Method	OECD 202

Algae toxicity (Components)**Paraffin oils (Petroleum), catalytic dewaxed heavy; Baseoil - unspecified**

Species	Pseudokirchneriella subcapitata
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NOEL	>	100	mg/l
Duration of exposure		72	h
Method		OECD 201	
Remarks		Test conducted with a similar formulation.	
zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)			
Species		Selenastrum capricornutum	
EbC50		2,1	mg/l
Duration of exposure		96	h
Method		OECD 201	

12.2. Persistence and degradability

General information

not determined

Biodegradability

evaluation not readily degradable

Biodegradability (Components)

Paraffin oils (Petroleum), catalytic dewaxed heavy; Baseoil - unspecified

evaluation not readily degradable

Distillates (Petroleum), solvent-refined heavy paraffinic; Baseoil - unspecified

evaluation not readily degradable

zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)

Value 1,5 %

Duration of test 28 d

evaluation not readily degradable

12.3. Bioaccumulative potential

General information

not determined

Partition coefficient n-octanol/water (log value)

Remarks not determined

Octanol/water partition coefficient (log Pow) (Components)

zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)

log Pow 0,9

Temperature 23 °C

12.4. Mobility in soil

General information

not determined

12.5. Results of PBT and vPvB assessment

General information

not determined

Results of PBT and vPvB assessment

The product contains no PBT substances

The product contains no vPvB substances.

12.6 Endocrine disrupting properties

Endocrine disrupting properties with respect to the environment

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

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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 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.