**HENSOMASTIK® K 2000** 



# Rudolf Hensel GmbH 21039 Börnsen

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

### 1.1 Product identifier

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

#### 1.2.1 Relevant uses

Fire retardant coating

1.2.2 Uses advised against

None known.

### 1.3 Details of the supplier of the safety data sheet

Company Rudolf Hensel GmbH

Lauenburger Landstr. 11 21039 Börnsen / GERMANY Phone +49 (0)40-72 10 62 10 Fax +49 (0)40-72 10 62 52 Homepage www.rudolf-hensel.de E-mail info@rudolf-hensel.de

Address enquiries to

Technical information info@rudolf-hensel.de

Safety Data Sheet sdb@chemiebuero.de (No dispatch of safety data sheets)

Safety data sheets are available from the supplier.

1.4 Emergency telephone number

Company +49 (0)40-72 10 62 10 (7:00 - 17:00) 0172 4115390 (17:00 - 07:00)

### SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture [REGULATION (EC) No 1272/2008]

No classification.

2.2 Label elements

The product is required to be labelled in accordance with regulation CLP.

Hazard pictograms

Hazard statements none

Special labelling EUH210 Safety data sheet available on request.

Product treated with preservatives C(M)IT/MIT (3:1).

Contains: Reaction mass of 2-methyl-2H-isothiazol-3-one and 5-chloro-2-methyl-2H-isothiazol-

3-one. EUH208 May produce an allergic reaction.

2004/42/CE 0 g/l II A i WB One-pack performance coatings (max. 140 g/l)

2.3 Other hazards

**Human health dangers** Frequent persistent contact with the skin can cause skin irritation.

Contains no ingredients with endocrine-disrupting properties.

**Environmental hazards**Does not contain any PBT or vPvB substances.

Other hazards Further hazards were not determined with the current level of knowledge.

### SECTION 3: Composition / Information on ingredients

### 3.1 Substances

not applicable

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### 3.2 Mixtures

### The product is a mixture.

Range [%]	Substance
5 - <15	Tris(2-chloro-1-methylethyl) phosphate
	CAS: 13674-84-5, EINECS/ELINCS: 237-158-7, Reg-No.: 01-2119486772-26-XXXX
	GHS/CLP: Acute Tox. 4: H302 - Aquatic Chronic 3: H412
< 0,05	1,2-benzisothiazol-3(2H)-one
	CAS: 2634-33-5, EINECS/ELINCS: 220-120-9, EU-INDEX: 613-088-00-6, Reg-No.: 01-2120761540-60-XXXX
	GHS/CLP: Acute Tox. 4: H302 - Skin Irrit. 2: H315 - Skin Sens. 1: H317 - Eye Dam. 1: H318 - Aquatic Acute 1: H400 - Aquatic Chronic 2: H411,
	M-Factor (acute): 1, M-Factor (chronic): 1
	SCL [%]: >= 0,05: Skin Sens. 1: H317
< 0,0015	Reaction mass of 2-methyl-2H-isothiazol-3-one and 5-chloro-2-methyl-2H-isothiazol-3-one
	CAS: 55965-84-9, EINECS/ELINCS: 911-418-6, Reg-No.: 01-2120764691-48-XXXX
	GHS/CLP: Acute Tox. 3: H301 - Acute Tox. 2: H310 H330 - Skin Corr. 1C: H314 - Eye Dam. 1: H318 - Skin Sens. 1A: H317 - Aquatic Acute 1: H400 - Aquatic Chronic 1: H410 - EUH071, M-Factor (acute): 100, M-Factor (chronic): 100
	SCL [%]: >= 0,6: Eye Dam. 1: H318, 0,06 - <0,6: Eye Irrit. 2: H319, >= 0,6: Skin Corr. 1C: H314, 0,06 - <0,6: Skin Irrit. 2: H315, >= 0,0015: Skin Sens. 1A: H317

**Comment on component parts** For full text of H-statements: see SECTION 16.

### SECTION 4: First aid measures

### 4.1 Description of first aid measures

General information Take off contaminated clothing and wash before reuse.

**Inhalation** Ensure supply of fresh air.

In the event of symptoms seek medical treatment.

**Skin contact** When in contact with the skin, clean with soap and water.

Consult a doctor if skin irritation persists.

Eye contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

**Ingestion** Get medical advice.

Do not induce vomiting.

Rinse out mouth and give plenty of water to drink.

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

Irritant effects Allergic reactions

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

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1 Extinguishing media

Suitable extinguishing media Product itself is non-combustible. Fire extinguishing method of surrounding areas must be

considered.

Extinguishing media that must not

be used

Full water jet.

## 5.2 Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolysis products.

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### 5.3 Advice for firefighters

Use self-contained breathing apparatus.

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

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

High risk of slipping due to leakage/spillage of product.

### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

### 6.3 Methods and material for containment and cleaning up

Take up mechanically.

Take up residues with absorbent material (e.g. sand, sawdust, general purpose binder,

diatomaceous earth).

Dispose of absorbed material in accordance within the regulations.

### 6.4 Reference to other sections

See SECTION 8+13

### SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

The normal safety precautions for handling chemicals must be observed.

Use only in well-ventilated areas.

Provide suitable vacuuming at the processing area.

Do not eat, drink, smoke or take drugs at work.

After worktime and before work breaks the affected skin areas must be thoroughly cleaned.

Use barrier skin cream.

Take off contaminated clothing and wash before reuse.

## 7.2 Conditions for safe storage, including any incompatibilities

Keep only in original container.

Prevent penetration into the ground.

Do not store together with food and animal food/diet.

Keep container tightly closed.

Recommended storage temperature: 5 - 35 °C

Keep away from frost. Protect from sun.

torage class (TRGS 510) Storage class 12 (VCI)

## 7.3 Specific end use(s)

See product use, SECTION 1.2

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## SECTION 8: Exposure controls / personal protection

### 8.1 Control parameters

Ingredients with occupational exposure limits to be monitored DE (TRGS 900)

Substance

Mixture: 5-chloro-2-methyl-2H- isothiazol-3-one/2-methyl-2H-isothiazol-3-one (3:1)

CAS: 55965-84-9, EINECS/ELINCS: 611-341-5, EU-INDEX: 613-167-00-5

Exposure limit: 0,2 mg/m³, einatembare Fraktion (DFG)

Factor: 0,4 mg/m<sup>3</sup>

### Ingredients with occupational exposure limits to be monitored EU (2004/37/EG)

not relevant

### **DNEL**

Substance
Tris(2-chloro-1-methylethyl) phosphate, CAS: 13674-84-5
Industrial, inhalative, Long-term - systemic effects, 5,82 mg/m³
Industrial, inhalative, Acute - systemic effects, 5,82 mg/m³
Industrial, dermal, Long-term - systemic effects, 2,08 mg/kg bw/day
Industrial, dermal, Acute - systemic effects, 2,08 mg/kg bw/day
general population, inhalative, Long-term - systemic effects, 1,46 mg/m³
general population, inhalative, Acute - systemic effects, 1,46 mg/m³
general population, dermal, Long-term - systemic effects, 1,04 mg/kg bw/day
general population, dermal, Acute - systemic effects, 1,04 mg/kg bw/day
general population, oral, Long-term - systemic effects, 0,52 mg/kg bw/day
general population, oral, Acute - systemic effects, 0,52 mg/kg bw/day
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
Industrial, inhalative, Long-term - systemic effects, 6,81 mg/m³
Industrial, dermal, Long-term - systemic effects, 0,966 mg/kg bw/day
general population, inhalative, Long-term - systemic effects, 1,2 mg/m³
general population, dermal, Long-term - systemic effects, 0,345 mg/kg bw/day
Reaction mass of 2-methyl-2H-isothiazol-3-one and 5-chloro-2-methyl-2H-isothiazol-3-one, CAS: 55965-84-9
Industrial, inhalative, Long-term - local effects, 0,02 mg/m³
Industrial, inhalative, Acute - local effects, 0,04 mg/m³
general population, inhalative, Acute - local effects, 0,04 mg/m³
general population, inhalative, Long-term - local effects, 0,02 mg/m³
general population, oral, Long-term - systemic effects, 0,09 mg/kg bw/day
general population, oral, Acute - systemic effects, 0,11 mg/kg bw/day

### **PNEC**

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freshwater, 4,03 μg/L		
seawater, 0,403 μg/L		
sediment (freshwater), 49,9 µg/kg sediment dw		
sediment (freshwater), 4,99 µg/kg sediment dw		
soil, 3 mg/kg soil dw		
sewage treatment plants (STP), 1,03 mg/L		
Reaction mass of 2-methyl-2H-isothiazol-3-one a	nd 5-chloro-2-methyl-2H-isothiazol-3-one, CAS: 559	965-84-9
soil, 0,01 mg/kg soil dw		
freshwater, 3,39 µg/L		
seawater, 3,39 µg/L		
sewage treatment plants (STP), 0,23 mg/L		
sediment (freshwater), 0,027 mg/kg sediment dw		

### **Exposure controls**

Additional advice on system design Ensure adequate ventilation on workstation.

sediment (seawater), 0,027 mg/kg sediment dw

Measurement methods for taking workplace measurements must meet the performance

requirements of DIN EN 482. For example, recommendations are given in the IFA's list of

hazardous substances.

Eye protection Safety glasses. (EN 166:2001)

Hand protection 0,4 mm Butyl rubber, >480 min (EN 374-1/-2/-3).

The details concerned are recommendations. Please contact the glove supplier for further

information.

Skin protection Protective clothing (EN 340)

Other Avoid contact with eyes and skin.

Do not inhale aerosols.

Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to

chemicals should be ascertained with the respective supplier.

Respiratory protection Breathing apparatus in the event of aerosol or mist formation.

Short term: filter apparatus, combination filter A-P2. (DIN EN 14387)

Thermal hazards not applicable

Delimitation and monitoring of the

environmental exposition

Protect the environment by applying appropriate control measures to prevent or limit

emissions.

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### SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Physical state liquid **Form** pasty Color white

Odor characteristic **Odour threshold** not relevant pH-value 4,2 - 5,2pH-value [1%] not determined not determined

Boiling point or initial boiling point

and boiling range [°C]

Flash point [°C] not applicable

Flammability no

Lower explosion limit not applicable Upper explosion limit not applicable

**Oxidising properties** no

Vapour pressure/gas pressure [kPa] not determined Density [g/cm<sup>3</sup>] 1,05 - 1,15 Relative density not determined Bulk density [kg/m³] not applicable Solubility in water soluble Solubility other solvents not relevant Partition coefficient n-octanol/water not determined

(log value)

Kinematic viscosity

2500 - 3500 mPa.s (20°C)

Relative vapour density not relevant Melting point [°C] not determined Auto-ignition temperature [°C] not self-igniting Decomposition temperature [°C] not determined Particle characteristics not relevant

#### 9.2 Other information

none

### SECTION 10: Stability and reactivity

### 10.1 Reactivity

No dangerous reactions known if used as directed.

## 10.2 Chemical stability

The product is stable under standard conditions.

### 10.3 Possibility of hazardous reactions

No hazardous reactions known.

### 10.4 Conditions to avoid

See SECTION 7





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### 10.5 Incompatible materials

Strong oxidizing agent.

## 10.6 Hazardous decomposition products

No hazardous decomposition products known.

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### **SECTION 11: Toxicological information**

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

### Acute oral toxicity

Product

ATE-mix, oral, > 2000 mg/kg

Substance

Tris(2-chloro-1-methylethyl) phosphate, CAS: 13674-84-5

LD50, oral, Rat, > 500 -2000 mg/kg

1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5

LD50, oral, Rat, 490 - 670 mg/kg bw

Reaction mass of 2-methyl-2H-isothiazol-3-one and 5-chloro-2-methyl-2H-isothiazol-3-one, CAS: 55965-84-9

LD50, oral, Rat, 64 mg/kg

### Acute dermal toxicity

Product

ATE-mix, dermal, > 2000 mg/kg

Substance

Tris(2-chloro-1-methylethyl) phosphate, CAS: 13674-84-5

LD50, dermal, Rat, > 2000 mg/kg

1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5

LD50, dermal, Rat, > 2000 mg/kg bw

Reaction mass of 2-methyl-2H-isothiazol-3-one and 5-chloro-2-methyl-2H-isothiazol-3-one, CAS: 55965-84-9

LD50, dermal, Rabbit, 87 mg/kg

### Acute inhalational toxicity

Product

ATE-mix, inhalativ (mist), > 5 mg/l 4h

Substance

Tris(2-chloro-1-methylethyl) phosphate, CAS: 13674-84-5

LC0, inhalative, Rat, > 7 mg/l 4h

Reaction mass of 2-methyl-2H-isothiazol-3-one and 5-chloro-2-methyl-2H-isothiazol-3-one, CAS: 55965-84-9

LC50, inhalative, Rat, 0,33 mg/L 4h

### Serious eye damage/irritation

Does not contain a relevant substance that meets the classification criteria. Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.

Substance

Tris(2-chloro-1-methylethyl) phosphate, CAS: 13674-84-5

Eye, Rabbit, OECD 405, non-irritating

1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5

in vitro, OECD 437, Can cause irreversible damage to the eyes.

Reaction mass of 2-methyl-2H-isothiazol-3-one and 5-chloro-2-methyl-2H-isothiazol-3-one, CAS: 55965-84-9

Eye, Rabbit, In vivo study, corrosive

### Skin corrosion/irritation

Does not contain a relevant substance that meets the classification criteria.

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Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.

Substance

Tris(2-chloro-1-methylethyl) phosphate, CAS: 13674-84-5

dermal, Rabbit, OECD 404, non-irritating

1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5

dermal, non-irritating

Reaction mass of 2-methyl-2H-isothiazol-3-one and 5-chloro-2-methyl-2H-isothiazol-3-one, CAS: 55965-84-9

dermal, Rabbit, OECD 404, corrosive

Respiratory or skin sensitisation

Based on the available information, the classification criteria are not fulfilled.

Toxicological data of complete product are not available.

Substance

1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5

dermal, Guinea pig, In vivo study, sensitising

Reaction mass of 2-methyl-2H-isothiazol-3-one and 5-chloro-2-methyl-2H-isothiazol-3-one, CAS: 55965-84-9

dermal, In vivo study, sensitising

Specific target organ toxicity — single exposure

Does not contain a relevant substance that meets the classification criteria. Based on the available information, the classification criteria are not fulfilled.

Toxicological data of complete product are not available.

Specific target organ toxicity — repeated exposure

Does not contain a relevant substance that meets the classification criteria. Based on the available information, the classification criteria are not fulfilled.

Toxicological data of complete product are not available.

Substance

1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5

NOAEL, oral, Rat, 69 - 150 mg/kg bw/day, The effects observed are not sufficient for classification.

Reaction mass of 2-methyl-2H-isothiazol-3-one and 5-chloro-2-methyl-2H-isothiazol-3-one, CAS: 55965-84-9

NOAEL, oral, Dog, 22 mg/kg bw/day, OECD 409, The effects observed are not sufficient for classification.

NOAEL, dermal, Rat, 0,1 mg/kg bw/day, In vivo study, The effects observed are not sufficient for classification.

NOAEC, inhalative, Rat, 2,36 mg/m³, OECD 413, The effects observed are not sufficient for classification.

### Mutagenicity

Does not contain a relevant substance that meets the classification criteria. Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.

Substance

1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5

in vitro, OECD 476, no adverse effect observed

Reaction mass of 2-methyl-2H-isothiazol-3-one and 5-chloro-2-methyl-2H-isothiazol-3-one, CAS: 55965-84-9

In vitro study, no adverse effect observed

Reproduction toxicity

Does not contain a relevant substance that meets the classification criteria. Based on the available information, the classification criteria are not fulfilled.

Toxicological data of complete product are not available.

- Fertility

Substance

1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5

NOAEL, oral, Rat, 112 mg/kg bw/day, no adverse effect observed

Reaction mass of 2-methyl-2H-isothiazol-3-one and 5-chloro-2-methyl-2H-isothiazol-3-one, CAS: 55965-84-9

NOAEL, oral, Rat, 22,7 mg/kg bw/day, OECD 416, no adverse effect observed

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- Development

Substance

Reaction mass of 2-methyl-2H-isothiazol-3-one and 5-chloro-2-methyl-2H-isothiazol-3-one, CAS: 55965-84-9

NOAEL, oral, Rat, 100 mg/kg bw/day, OECD 415, no adverse effect observed, Effect on developmental toxicity,

Carcinogenicity

Does not contain a relevant substance that meets the classification criteria. Based on the available information, the classification criteria are not fulfilled.

Toxicological data of complete product are not available.

Substance

Reaction mass of 2-methyl-2H-isothiazol-3-one and 5-chloro-2-methyl-2H-isothiazol-3-one, CAS: 55965-84-9

NOAEL, oral, Rat, 17,2 mg/kg bw/day, OECD 453, no adverse effect observed

Aspiration hazard Does not contain a relevant substance that meets the classification criteria.

Based on the available information, the classification criteria are not fulfilled.

**General remarks** 

none

11.2 Information on other hazards

11.2.1 Endocrine disrupting

properties

Does not contain a relevant substance that meets the classification criteria.

11.2.2 Other information

### SECTION 12: Ecological information

### 12.1 Toxicity

Substance
Tris(2-chloro-1-methylethyl) phosphate, CAS: 13674-84-5
LC50, (96h), Pimephales promelas, 51 mg/l
EC50, (3h), Bacteria, 784 mg/l
EC50, (48h), Daphnia magna, 131 mg/l
IC50, (72h), Algae, 82 mg/l
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LC50, (96h), fish, 2.15 - 22 mg/L
EC50, (48h), Invertebrates, 2.9 - 2.94 mg/L
EC50, (72h), Algae, 70 - 150 μg/L
Reaction mass of 2-methyl-2H-isothiazol-3-one and 5-chloro-2-methyl-2H-isothiazol-3-one, CAS: 55965-84-9
LC50, (96h), Oncorhynchus mykiss, 0,22 mg/L OECD 203
EC50, (48h), Skeletonema costatum, 0,0052 mg/L (ISO 10253) RAC
EC50, (48h), Daphnia magna, 0,1 mg/L OECD 202
EC50, (72h), Pseudokirchneriella subcapitata, 0,048 mg/L OECD 201
NOEC, (48h), Skeletonema costatum, 0,00064 mg/L (ISO 10253) RAC
NOEC, (21d), Daphnia magna, 0,004 mg/L OECD 211
NOEC, (28d), Oncorhynchus mykiss, 0,098 mg/L OECD 215
NOEC, (72h), Pseudokirchneriella subcapitata, 0,0012 mg/L OECD 201

### 12.2 Persistence and degradability

Behaviour in environment

not determined

compartments

Behaviour in sewage plant not determined not determined not determined not determined

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### 12.3 Bioaccumulative potential

Accumulation in organisms is not expected.

## 12.4 Mobility in soil

Spillages may penetrate the soil causing ground water contamination.

### 12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

### 12.6 Endocrine disrupting properties

Does not contain a relevant substance that meets the classification criteria.

### 12.7 Other adverse effects

None known.

### **SECTION 13: Disposal considerations**

### 13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

**Product** 

For recycling, consult manufacturer.

Waste no. (recommended)

080120

Contaminated packaging

Uncontaminated packaging may be taken for recycling.

Packaging that cannot be cleaned should be disposed of as for product.

150102 Waste no. (recommended)

## **SECTION 14: Transport information**

## 14.1 UN number or ID number

Transport by land according to ADR/RID

not applicable

Inland navigation (ADN)

not applicable

Marine transport in accordance with

**IMDG** 

Air transport in accordance with IATA not applicable

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14.2 UN proper shipping name

Transport by land according to

ADR/RID

NO DANGEROUS GOODS

Inland navigation (ADN)

NO DANGEROUS GOODS

Marine transport in accordance with NOT CLASSIFIED AS "DANGEROUS GOODS"

Air transport in accordance with IATA NOT CLASSIFIED AS "DANGEROUS GOODS"

14.3 Transport hazard class(es)

Transport by land according to

not applicable

ADR/RID

Inland navigation (ADN) not applicable

Marine transport in accordance with not applicable

**IMDG** 

Air transport in accordance with IATA not applicable

14.4 Packing group

ADR/RID

**IMDG** 

Transport by land according to

not applicable

Inland navigation (ADN)

not applicable

Marine transport in accordance with

not applicable

Air transport in accordance with IATA not applicable

14.5 Environmental hazards

Transport by land according to

ADR/RID

no

Inland navigation (ADN)

no

Marine transport in accordance with no

**IMDG** 

Air transport in accordance with IATA no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Maritime transport in bulk according to IMO instruments

not applicable

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### **SECTION 15: Regulatory information**

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

EEC-REGULATIONS 2008/98/EG (2000/532/EG); 2010/75/EU; 2004/42/EG; (EG) 648/2004; (EG) 1907/2006

(REACH); (EU) 1272/2008; 75/324/EWG ((EG) 2016/2037); (EU) 2020/878; (EU) 2016/131;

(EU) 517/2014; (EU) 2019/1148; (EU) 2019/1021

- Comment on component parts Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.

- Annex I (REACH) The product is not subject to Annex I restrictions.

- Annex XIV (REACH) According to Annex XIV of Regulation (EC) 1907/2006 (REACH) the product does not contain

any substances  $\geq$  0.1% that are subject to authorisation.

- Annex XVII (REACH) According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product does not

contain any substances ≥ 0.1% that are restricted.

According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product is not subject to

any restrictions.

TRANSPORT-REGULATIONS ADR (2023); IMDG-Code (2023, 41. Amdt.); IATA-DGR (2024)

NATIONAL REGULATIONS (DE): Hazardous Substances Ordinance - GefStoffV 21.07.2021; Detergent and Cleaning Agents

Act - WRMG; Federal Water Act - WHG; Technical Rule for Hazardous Substances - TRGS:

200, 220, 615, 900, 905.

- Water hazard class 1, conf. AwSV, 18.04.2017

- Decree for case of interference,

observe limits

no

- Class. according to TA-Luft 5.2.5.

Storage class (TRGS 510) Storage class 12 (VCI)

- Observe employment restrictions

for people

no

- VOC (2010/75/CE) 0 %

- Other regulations not applicable

## 15.2 Chemical safety assessment

not applicable

## SECTION 16: Other information

## 16.1 Hazard statements (SECTION 3)

EUH071 Corrosive to the respiratory tract.

H410 Very toxic to aquatic life with long lasting effects. H314 Causes severe skin burns and eye damage. H310+H330 Fatal in contact with skin or if inhaled.

H301 Toxic if swallowed.

H411 Toxic to aquatic life with long lasting effects.

H400 Very toxic to aquatic life. H318 Causes serious eye damage. H317 May cause an allergic skin reaction.

H315 Causes skin irritation.

H412 Harmful to aquatic life with long lasting effects.

H302 Harmful if swallowed.

### **HENSOMASTIK® K 2000**



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### 16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route

RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses

ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

ATE = acute toxicity estimate

CAS = Chemical Abstracts Service

CLP = Classification, Labelling and Packaging

DMEL = Derived Minimum Effect Level

DNEL = Derived No Effect Level

EC50 = Median effective concentration

ECB = European Chemicals Bureau

EEC = European Economic Community

EINECS = European Inventory of Existing Commercial Chemical Substances

EL50 = Median effective loading

ELINCS = European List of Notified Chemical Substances

EmS = Emergency Schedules

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC-Code = International Code for the Construction and Equipment of Ships carrying

Dangerous Chemicals in Bulk

IC50 = Inhibition concentration, 50%

IMDG = International Maritime Code for Dangerous Goods

IUCLID = International Uniform ChemicaL Information Database

IVIS = In vitro irritation score

LC50 = Lethal concentration, 50%

LD50 = Median lethal dose

LC0 = lethal concentration, 0%

LOAEL = lowest-observed-adverse-effect level

LL50 = Median lethal loading

LQ = Limited Quantities

MARPOL = International Convention for the Prevention of Marine Pollution from Ships

NOAEL = No Observed Adverse Effect Level

NOEC = No Observed Effect Concentration

PBT = Persistent, Bioaccumulative and Toxic substance PNEC = Predicted No-Effect Concentration

REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals

STP = Sewage Treatment Plant

TLV®/TWA = Threshold limit value – time-weighted average

TLV®STEL = Threshold limit value – short-time exposure limit

VOC = Volatile Organic Compounds

vPvB = very Persistent and very Bioaccumulative

## 16.3 Other information

Classification procedure

**Modified position** 1.3, 2.2, 3.2, 8.1, 9.1, 11.1, 11.2, 12.6, 15.1, 16.1, 16.2, 16.3

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