

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

**HENSOGRUND WB Green**

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

#### 1.2.1 Relevant uses

Basic 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](http://www.rudolf-hensel.de)  
E-mail [info@rudolf-hensel.de](mailto:info@rudolf-hensel.de)

#### Address enquiries to

**Technical information** [info@rudolf-hensel.de](mailto:info@rudolf-hensel.de)

**Safety Data Sheet** [sdb@chemiebuero.de](mailto:sdb@chemiebuero.de)

### 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]

Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects.

### 2.2 Label elements

#### Hazard pictograms

**Hazard statements** H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements** P273 Avoid release to the environment.  
P501 Dispose of contents/container in accordance with local/national regulation.

**Special labelling** Product treated with preservatives  
METHYLCHLOROISOTHIAZOLINONE/METHYLISOTHIAZOLINONE (3:1).

Contains: Mixture: 5-Chloro-2-methyl-2H-isothiazolin-3-one/2-Methyl-4-isothiazolin-3-one (3:1), 1,2-benzisothiazol-3(2H)-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.

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

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

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### SECTION 3: Composition / Information on ingredients

**Product-type:**

**3.2 The product is a mixture.**

Range [%]	Substance
1 - < 10	Aluminum dihydrogen triphosphate CAS: 13939-25-8, EINECS/ELINCS: 237-714-9, Reg-No.: 01-2119970565-28-XXXX GHS/CLP: Eye Irrit. 2: H319
<= 2,1	Trizinc bis(orthophosphate) CAS: 7779-90-0, EINECS/ELINCS: 231-944-3, EU-INDEX: 030-011-00-6, Reg-No.: 01-2119485044-40-XXXX GHS/CLP: Aquatic Acute 1: H400 - Aquatic Chronic 1: H410, M_acute = 1, M_chronic = 1
<= 1	3,3'-[Methylenbis(oxymethylen)] bisheptan CAS: 22174-70-5, EINECS/ELINCS: 244-815-1, Reg-No.: 01-2119969504-29-XXXX GHS/CLP: Aquatic Chronic 4: H413
<= 0,4	Zinc oxide CAS: 1314-13-2, EINECS/ELINCS: 215-222-5, EU-INDEX: 030-013-00-7, Reg-No.: 01-2119463881-32-XXXX GHS/CLP: Aquatic Acute 1: H400 - Aquatic Chronic 1: H410, M_acute = 1, M_chronic = 1
< 0,03	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_acute = 1
< 0,02	2-Bromo-2-nitropropane-1,3-diol CAS: 52-51-7, EINECS/ELINCS: 200-143-0, EU-INDEX: 603-085-00-8 GHS/CLP: Acute Tox. 4: H302 H312 - STOT SE 3: H335 - Skin Irrit. 2: H315 - Eye Dam. 1: H318 - Aquatic Acute 1: H400 - Aquatic Chronic 2: H411, M_acute = 10
< 0,0015	Mixture: 5-Chloro-2-methyl-2H-isothiazolin-3-one/2-Methyl-4-isothiazolin-3-one (3:1) CAS: 55965-84-9, EU-INDEX: 613-167-00-5 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, M_acute = 100, M_chronic = 100

**Comment on component parts**

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

Allergic reactions  
 Irritant effects

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

Treat symptomatically.

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## 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

In the event of fire the following can be released:  
Carbon monoxide (CO)  
Phosphorus oxides (PO<sub>x</sub>).

### 5.3 Advice for firefighters

Use self-contained breathing apparatus.

Fire residues and contaminated firefighting water must be disposed of in accordance with 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).  
Dispose of absorbed material in accordance with 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.

Use barrier skin cream.  
Do not eat, drink, smoke or take drugs at work.  
After worktime and before work breaks the affected skin areas must be thoroughly cleaned.  
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.  
Protect from heat/overheating.  
Keep in a cool place. Store in a dry place.

### 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 (GB)**

Substance
Titanium dioxide
CAS: 13463-67-7, EINECS/ELINCS: 236-675-5, Reg-No.: 01-2119489379-17-XXXX
Long-term exposure: 4 mg/m <sup>3</sup> , respirable; total inhalable: TWA=10 mg/m <sup>3</sup>

**DNEL**

Substance
Zinc oxide, CAS: 1314-13-2
Industrial, inhalative, Long-term - local effects: 0,5 mg/m <sup>3</sup> .
Industrial, dermal, Long-term - systemic effects: 83 mg/kg bw/d.
Industrial, inhalative, Long-term - systemic effects: 5 mg/m <sup>3</sup> .
general population, dermal, Long-term - systemic effects: 83 mg/kg bw/d.
general population, inhalative, Long-term - systemic effects: 2,5 mg/m <sup>3</sup> .
general population, oral, Long-term - systemic effects: 0,83 mg/kg bw/d.
Trizinc bis(orthophosphate), CAS: 7779-90-0
Industrial, inhalative, Long-term - systemic effects: 5 mg/m <sup>3</sup> .
Industrial, dermal, Long-term - systemic effects: 83 mg/kg bw/day.
general population, dermal, Long-term - systemic effects: 83 mg/kg bw/day.
general population, inhalative, Long-term - systemic effects: 2,5 mg/m <sup>3</sup> .
general population, oral, Long-term - systemic effects: 0,83 mg/kg bw/day.
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
Industrial, inhalative, Long-term - systemic effects: 6,81 mg/m <sup>3</sup> .
Industrial, dermal, Long-term - systemic effects: 0,966 mg/kg bw/day.
general population, dermal, Long-term - systemic effects: 0,345 mg/kg bw/day.
general population, inhalative, Long-term - systemic effects: 1,2 mg/m <sup>3</sup> .
Aluminum dihydrogen triphosphate, CAS: 13939-25-8
Industrial, inhalative, Long-term - systemic effects: 11,52 mg/m <sup>3</sup> .
Industrial, dermal, Long-term - systemic effects: 32,9 mg/kg bw/day.
general population, inhalative, Long-term - systemic effects: 2,47 mg/m <sup>3</sup> .
general population, dermal, Long-term - systemic effects: 16,45 mg/kg bw/day.
general population, oral, Long-term - systemic effects: 1,65 mg/kg bw/day.
3,3'-[Methylenbis(oxymethylen)] bisheptan, CAS: 22174-70-5
Industrial, inhalative, Long-term - systemic effects: 0,34 mg/m <sup>3</sup> .
Industrial, dermal, Long-term - systemic effects: 1,33 mg/kg bw/day.
general population, oral, Long-term - systemic effects: 0.67 mg/kg bw/day.
general population, inhalative, Long-term - systemic effects: 0,58 mg/m <sup>3</sup> .
general population, dermal, Long-term - systemic effects: 0.67 mg/kg bw/day.

**PNEC**

Substance
Zinc oxide, CAS: 1314-13-2
seawater, 6,1 µg/L.
sewage treatment plants (STP), 100 µg/L.
sediment (freshwater), 117,8 mg/kg dw.
sediment (seawater), 56,5 mg/kg dw.

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soil, 35,6 mg/kg dw.
freshwater, 20,6 µg/L.
Trizinc bis(orthophosphate), CAS: 7779-90-0
sediment (seawater), 56,5 mg/kg.
freshwater, 20,6 µg/L.
seawater, 6,1 µg/L.
sediment (freshwater), 117,8 mg/kg.
soil, 35,6 mg/kg.
sewage treatment plants (STP), 100 µg/L.
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
freshwater, 4,03 µg/L.
seawater, 0,403 µg/L.
sewage treatment plants (STP), 1,03 mg/L.
sediment (freshwater), 49,9 µg/kg sediment dw.
sediment (seawater), 4,99 µg/kg sediment dw.
soil, 3 mg/kg soil dw.
Aluminum dihydrogen triphosphate, CAS: 13939-25-8
seawater, 0,003 mg/L.
freshwater, 0,03 mg/L.

## 8.2 Exposure controls

<b>Additional advice on system design</b>	Ensure adequate ventilation on workstation. 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.
<b>Eye protection</b>	Safety glasses. (EN 166:2001)
<b>Hand protection</b>	0,4mm Butyl rubber, >480 min (EN 374-1/-2/-3). The details concerned are recommendations. Please contact the glove supplier for further information.
<b>Skin protection</b>	Protective clothing (EN 340)
<b>Other</b>	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.
<b>Respiratory protection</b>	In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection. Short term: filter apparatus, filter P2. (DIN EN 143)
<b>Thermal hazards</b>	not applicable
<b>Delimitation and monitoring of the environmental exposition</b>	Protect the environment by applying appropriate control measures to prevent or limit emissions.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Form	liquid
Color	grey
Odor	characteristic
Odour threshold	not required
pH-value	7,5 - 8,0
pH-value [1%]	not determined
Boiling point [°C]	not determined
Flash point [°C]	not applicable
Flammability (solid, gas) [°C]	not applicable
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	not determined
Density [g/ml]	1,12 - 1,25 (20 °C / 68,0 °F)
Bulk density [kg/m <sup>3</sup> ]	not applicable
Solubility in water	miscible
Partition coefficient [n-octanol/water]	not determined
Viscosity	2000 mPas - 5000 mPas (20 °C)
Relative vapour density determined in air	not applicable
Evaporation speed	not applicable
Melting point [°C]	not determined
Autoignition temperature [°C]	not applicable
Decomposition temperature [°C]	not determined

### 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

Reactions with oxidizing agents.

### 10.4 Conditions to avoid

See SECTION 7

### 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 toxicological effects

#### Acute toxicity

Product
ATE-mix, inhalativ (mist), > 5 mg/l 4h.
ATE-mix, dermal, > 2000 mg/kg.
ATE-mix, oral, > 2000 mg/kg.
Substance
Zinc oxide, CAS: 1314-13-2
LD50, dermal, Rat: > 2000 mg/kg bw.
LD50, oral, Rat: > 15000 mg/kg (IUCLID).
LC50, inhalative, Rat: > 5,7 mg/l (4 h) (Lit.).
Trizinc bis(orthophosphate), CAS: 7779-90-0
LD50, oral, Rat: > 5000 mg/kg.
LC50, inhalativ (dust), Rat: > 5,7 mg/L.
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LD50, dermal, Rat: >2000 mg/kg bw (OECD 402).
LD50, oral, Rat: 670 mg/kg bw (OECD 401).
Mixture: 5-Chloro-2-methyl-2H-isothiazolin-3-one/2-Methyl-4-isothiazolin-3-one (3:1), CAS: 55965-84-9
LD50, dermal, Rabbit: 87,12 mg/kg (ECHA, CLH Report).
LD50, oral, 64 mg/kg (ECHA, CLH Report).
LD50, oral, Rat: 53 mg/kg.
LC50, inhalative, Rat: 0,171 mg/l/4h (ECHA, CLH Report).
Aluminum dihydrogen triphosphate, CAS: 13939-25-8
LD50, oral, Rat: > 2000 mg/kg.
LC50, inhalative, Rat: > 3,46 mg/L 4 h.
3,3 '- [Methylenbis (oxymethylen)] bisheptan, CAS: 22174-70-5
LD50, dermal, Rat: > 2000 mg/kg OECD 402.
LD50, oral, Rat: > 5000 mg/kg OECD 423.

<b>Serious eye damage/irritation</b>	Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.
<b>Skin corrosion/irritation</b>	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.
<b>Respiratory or skin sensitisation</b>	Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.
<b>Specific target organ toxicity — single exposure</b>	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.
<b>Specific target organ toxicity — repeated exposure</b>	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.
<b>Mutagenicity</b>	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.
<b>Reproduction toxicity</b>	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.
<b>Carcinogenicity</b>	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.
<b>Aspiration hazard</b>	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.

**General remarks**

none

**SECTION 12: Ecological information**

**12.1 Toxicity**

Substance
Zinc oxide, CAS: 1314-13-2
EC50, (72h), Selenastrum capricornutum: 0,17 mg/l (Lit.).
Trizinc bis(orthophosphate), CAS: 7779-90-0
EC50, (48h), Ceriodaphnia dubia: 2,44 mg/L.
ErC50, (72h), Selenastrum capricornutum: 0,8 mg/L.
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LC50, (96h), fish: 16,7 mg/L (EPA 540/9-85-006).
EC50, (48h), Daphnia magna: 2,94 mg/L (OECD 202).
NOEC, (72h), Pseudokirchneriella subcapitata: 55 µg/L (OECD 201).
Mixture: 5-Chloro-2-methyl-2H-isothiazolin-3-one/2-Methyl-4-isothiazolin-3-one (3:1), CAS: 55965-84-9
LC50, (96h), Oncorhynchus mykiss: 0,19 mg/l.
EC50, (48h), Daphnia magna: 0,18 mg/l.
ErC50, Skeletonema costatum: 0,003 mg/l.

**12.2 Persistence and degradability**

<b>Behaviour in environment compartments</b>	not determined
<b>Behaviour in sewage plant</b>	not determined
<b>Biological degradability</b>	not determined

**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 Other adverse effects**

None known.



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### 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)** 080112

##### Contaminated packaging

Uncontaminated packaging may be taken for recycling.  
Packaging that cannot be cleaned should be disposed of as for product.

**Waste no. (recommended)** 150102  
150104

### SECTION 14: Transport information

#### 14.1 UN number

**Transport by land according to ADR/RID** not applicable

**Inland navigation (ADN)** not applicable

**Marine transport in accordance with IMDG** not applicable

**Air transport in accordance with IATA** not applicable

#### 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 IMDG** 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 ADR/RID** not applicable

**Inland navigation (ADN)** not applicable

**Marine transport in accordance with IMDG** not applicable

**Air transport in accordance with IATA** not applicable

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#### 14.4 Packing group

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG 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 IMDG no

Air transport in accordance with IATA no

#### 14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

#### 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

not applicable

### SECTION 15: Regulatory information

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

**EEC-REGULATIONS** 2008/98/EC 2000/532/EC; 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2015/830; (EU) 2016/131; (EU) 517/2014

**TRANSPORT-REGULATIONS** ADR (2019); IMDG-Code (2019, 39. Amdt.); IATA-DGR (2020)

**NATIONAL REGULATIONS (GB):** EH40/2005 Workplace exposure limits (Second edition, published December 2011).

- Observe employment restrictions for people no

- VOC (2010/75/CE) 0 %

#### 15.2 Chemical safety assessment

not applicable

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## SECTION 16: Other information

### 16.1 Hazard statements (SECTION 03)

H314 Causes severe skin burns and eye damage.  
H310+H330 Fatal in contact with skin or if inhaled.  
H301 Toxic if swallowed.  
H335 May cause respiratory irritation.  
H302+H312 Harmful if swallowed or in contact with skin.  
H411 Toxic to aquatic life with long lasting effects.  
H318 Causes serious eye damage.  
H317 May cause an allergic skin reaction.  
H315 Causes skin irritation.  
H302 Harmful if swallowed.  
H413 May cause long lasting harmful effects to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H400 Very toxic to aquatic life.  
H319 Causes serious eye irritation.

### 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  
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

Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects. (Calculation method)

#### Modified position

none



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