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

1.1 Product identifier

Wheel Cleaner Plus

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

1.2.1 Relevant uses

Rim cleaner

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company

Waxoyl GmbH
Hermann-Albertz-Str. 17-23
46045 Oberhausen / GERMANY
Phone +49 (0)208 410 221
E-mail info@waxoyl.ch

Manufacturer

WAXOYL AG
Mühlemattstrasse 24
4104 Oberwil / SWITZERLAND
Phone +41 61 281 77 94
Homepage www.waxoyl.com
E-mail info@waxoyl.ch

Address enquiries to

Technical information info@waxoyl.ch

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

Advisory body +49 (0)89-19240 (24h) (English)

SECTION 2: Hazards identification

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

Skin Sens. 1: H317 May cause an allergic skin reaction.
Eye Irrit. 2: H319 Causes serious eye irritation.

2.2 Label elements

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

Hazard pictograms



Signal word WARNING

Contains: Sodium mercaptoacetate solution (46%)

Cinnamaldehyde

Hazard statements
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

Precautionary statements
P261 Avoid breathing spray.
P280 Wear protective gloves / protective clothing / eye protection / face protection.
P302+P352 IF ON SKIN: Wash with plenty of water / soap.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313 If skin irritation or rash occurs: Get medical advice / attention.
P337+P313 If eye irritation persists: Get medical advice / attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

Cleaner, 648/2004/CE, contains:
< 5% non-ionic surfactants
< 5% anionic surfactant
preservatives SODIUM PYRITHIONE
preservatives BENZISOTHIAZOLINONE
perfumes HEXYL CINNAMAL
perfumes LIMONENE
perfumes ALPHA-ISOMETHYL IONONE
perfumes HEXAMETHYLINDENOPYRAN
perfumes CINNAMAL

2.3 Other hazards

Human health dangers
Contains no ingredients with endocrine-disrupting properties.
Under evaluation (ECHA, Endocrine disruptor assessment list): CAS1222-05-5

Environmental hazards
Does not contain any PBT or vPvB substances.
Under evaluation (ECHA, PBT assessment list): CAS1222-05-5

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

SECTION 3: Composition / Information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

The product is a mixture.

Range [%]	Substance
2,5 - 10	Sodium mercaptoacetate solution (46%)
	CAS: 367-51-1, EINECS/ELINCS: 206-696-4, Reg-No.: 01-2119968564-24-XXXX
	GHS/CLP: Acute Tox. 4: H302 - Skin Sens. 1: H317
< 3	Alkylpolyglycoside C8-10
	CAS: 68515-73-1, EINECS/ELINCS: 500-220-1
	GHS/CLP: Eye Dam. 1: H318
< 3	Citric acid
	CAS: 77-92-9, EINECS/ELINCS: 201-069-1, EU-INDEX: 607-750-00-3, Reg-No.: 01-2119457026-42-XXXX
	GHS/CLP: Eye Irrit. 2: H319 - STOT SE 3: H335
< 2,5	Sulphamic acid
	CAS: 5329-14-6, EINECS/ELINCS: 226-218-8, EU-INDEX: 016-026-00-0
	GHS/CLP: Eye Irrit. 2: H319 - Skin Irrit. 2: H315 - Aquatic Chronic 3: H412
< 0,1	Cinnamaldehyde
	CAS: 104-55-2, EINECS/ELINCS: 203-213-9, EU-INDEX: 606-155-00-6
	GHS/CLP: Skin Sens. 1A: H317
	SCL [%]: >= 0,01: Skin Sens. 1A: H317
< 0,1	Pyridine-2-thiol 1-oxide, sodium salt
	CAS: 3811-73-2, EINECS/ELINCS: 223-296-5, EU-INDEX: 613-344-00-7, Reg-No.: 01-2119493385-28-XXXX
	GHS/CLP: Acute Tox. 4: H302 - Acute Tox. 3: H311 - Acute Tox. 3: H331 - Skin Irrit. 2: H315 - Eye Irrit. 2: H319 - Aquatic Acute 1: H400 - Aquatic Chronic 2: H411 - STOT RE 1: H372 - Skin Sens. 1: H317 - EUH070, M-Factor (acute): 100

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.
Remove the victim into fresh air and keep him calm.
In the event of symptoms seek medical treatment.

Skin contact In case of contact with skin wash off immediately 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.
Shield unaffected eye.
Consult a doctor immediately.

Ingestion Do not induce vomiting.
Rinse mouth.
Consult a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

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 Foam, dry powder, water spray jet, carbon dioxide

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.

5.3 Advice for firefighters

Do not inhale explosion and/or combustion gases.
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

Use personal protective equipment (protective gloves, safety glasses, protective clothing).
Ensure adequate ventilation.

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

Pick up with absorbent material (e.g. sand, sawdust, universal absorbent, 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

Avoid contact with eyes and skin. Use personal protective equipment.
Use only in well-ventilated areas.
Place the container in an upright position and protect it against falling over.

Do not eat, drink, smoke or snuff while working.
After worktime and before work breaks the affected skin areas must be thoroughly cleaned.
Showers and eye wash stations should be provided.
Take off contaminated clothing and wash before reuse.
Use barrier skin cream.

7.2 Conditions for safe storage, including any incompatibilities

Prevent penetration into the ground.

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

Keep container in a well-ventilated place.
Keep container tightly closed.
Protect from heat/overheating and from sun.
Keep away from frost.
Recommended storage temperature: 20 °C.

7.3 Specific end use(s)

See product use, SECTION 1.2

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

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

not relevant

DNEL

Substance
Citric acid, CAS: 77-92-9
There are no DNEL values established for the substance.
Pyridine-2-thiol 1-oxide, sodium salt, CAS: 3811-73-2
There are no DNEL values established for the substance.
Alkylpolyglycoside C8-10, CAS: 68515-73-1
Industrial, inhalative, Long-term - systemic effects, 420 mg/m³
Industrial, dermal, Long-term - systemic effects, 595 000 mg/kg bw/day
general population, inhalative, Long-term - systemic effects, 124 mg/m³
general population, dermal, Long-term - systemic effects, 357 000 mg/kg bw/day
general population, oral, Long-term - systemic effects, 35,7 mg/kg bw/day
Sodium mercaptoacetate solution (46%), CAS: 367-51-1
Industrial, inhalative, Long-term - systemic effects, 1,97 mg/m³
Industrial, dermal, Long-term - systemic effects, 1,35 mg/kg bw/day
general population, inhalative, Long-term - systemic effects, 0,348 mg/m³
general population, dermal, Long-term - systemic effects, 0,161 mg/kg bw/day
general population, oral, Long-term - systemic effects, 0,1 mg/kg bw/day

PNEC

Substance
Citric acid, CAS: 77-92-9
There are no PNEC values established for the substance.
Pyridine-2-thiol 1-oxide, sodium salt, CAS: 3811-73-2
There are no PNEC values established for the substance.
Alkylpolyglycoside C8-10, CAS: 68515-73-1
freshwater, 0,176 mg/L
seawater, 0,018 mg/L
sewage treatment plants (STP), 560 mg/L
sediment (freshwater), 1,516 mg/kg sediment dw
sediment (seawater), 0,152 mg/kg sediment dw
soil, 0,654 mg/kg soil dw
oral (food), 111,11 mg/kg food
Sodium mercaptoacetate solution (46%), CAS: 367-51-1
sewage treatment plants (STP), 10 mg/L
sediment (freshwater), 0,039 mg/kg sediment dw
sediment (seawater), 0,004 mg/kg sediment dw
soil, 0,002 mg/kg soil dw
freshwater, 0,01 mg/L
seawater, 0,001 mg/L

8.2 Exposure controls

Additional advice on system design	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.
Eye protection	Tightly fitting goggles. (EN 166:2001) Face shield. (EN 166)
Hand protection	0,4 mm Nitrile rubber, >240 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 breathe vapour/spray. 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	In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection. 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.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Form	Liquid
Color	blue
Odor	fruity
Odour threshold	not determined
pH-value	6
pH-value [1%]	not determined
Boiling point or initial boiling point and boiling range [°C]	100
Flash point [°C]	98
Flammability	not applicable
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	2,3 (20 °C)
Density [g/cm³]	1,085 (20 °C / 68,0 °F)
Relative density	not determined
Bulk density [kg/m³]	not applicable
Solubility in water [g/L]	completely miscible
Solubility other solvents	No information available.
Partition coefficient n-octanol/water (log value)	not determined
Kinematic viscosity	dyn: 50 - 200 mPas
Relative vapour density	not applicable
Melting point [°C]	No information available.
Auto-ignition temperature [°C]	225
Decomposition temperature [°C]	not determined
Particle characteristics	not applicable

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

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

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

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
Citric acid, CAS: 77-92-9
LD50, oral, Rat, 3000 mg/kg
LD50, oral, mouse, 5400 mg/kg bw
Sulphamic acid, CAS: 5329-14-6
LD50, oral, Rat, 3160 mg/kg
Pyridine-2-thiol 1-oxide, sodium salt, CAS: 3811-73-2
LD50, oral, Rat, 1208 mg/kg bw
ATE, oral, 500 mg/kg bw
Alkylpolyglycoside C8-10, CAS: 68515-73-1
LD50, oral, Rat, > 2000 mg/kg (OECD 423)
Sodium mercaptoacetate solution (46%), CAS: 367-51-1
ATE, oral, Rat, 200 - 500 mg/kg

Acute dermal toxicity

Product
ATE-mix, dermal, > 2000 mg/kg

Substance
Citric acid, CAS: 77-92-9
LD50, dermal, Rat, > 2000 mg/kg bw
Pyridine-2-thiol 1-oxide, sodium salt, CAS: 3811-73-2
LC50, dermal, Rabbit, 1800 - 1900 mg/kg bw
ATE, dermal, 790 mg/kg bw
Alkylpolyglycoside C8-10, CAS: 68515-73-1
LD50, dermal, Rabbit, > 2000 mg/kg bw
Sodium mercaptoacetate solution (46%), CAS: 367-51-1
LD50, dermal, Rat, > 1000 - < 2000 mg/kg bw

Acute inhalational toxicity

Product
ATE-mix, inhalativ (mist), > 5 mg/L

Substance
Citric acid, CAS: 77-92-9
ATE, inhalativ (dust), 75 mg/l
Pyridine-2-thiol 1-oxide, sodium salt, CAS: 3811-73-2
ATE, inhalativ (dust), 0,5 mg/l

Serious eye damage/irritation Irritant
Based on the available information, the classification criteria are fulfilled.
Calculation method

Substance
Citric acid, CAS: 77-92-9
Rabbit (eye), irritant
Alkylpolyglycoside C8-10, CAS: 68515-73-1
Eye, irritant

Sodium mercaptoacetate solution (46%), CAS: 367-51-1
Eye, Rabbit, OECD 405, non-irritating

Skin corrosion/irritation Based on the available information, the classification criteria are not fulfilled.

Substance
Citric acid, CAS: 77-92-9
dermal, non-irritating
Alkylpolyglycoside C8-10, CAS: 68515-73-1
dermal, non-irritating
Sodium mercaptoacetate solution (46%), CAS: 367-51-1
dermal, Rabbit, OECD 404, non-irritating

Respiratory or skin sensitisation May cause an allergic skin reaction.
Based on the available information, the classification criteria are fulfilled.
Calculation method

Substance
Citric acid, CAS: 77-92-9
dermal, non-sensitizing
Alkylpolyglycoside C8-10, CAS: 68515-73-1
dermal, non-sensitizing
Cinnamaldehyde, CAS: 104-55-2
dermal, Harmonised classification, sensitising
Sodium mercaptoacetate solution (46%), CAS: 367-51-1
dermal, sensitising

Specific target organ toxicity — single exposure Based on the available information, the classification criteria are not fulfilled.

Substance
Citric acid, CAS: 77-92-9
inhalative, irritant

Specific target organ toxicity — repeated exposure Based on the available information, the classification criteria are not fulfilled.

Substance
Pyridine-2-thiol 1-oxide, sodium salt, CAS: 3811-73-2
NOAEL, oral, Rat, 0.5 mg/kg bw/day
NOAEL, inhalative, Rat, 460 µg/m³ air
NOAEL, dermal, mouse, 5 - 15 mg/kg bw/day
Sodium mercaptoacetate solution (46%), CAS: 367-51-1
NOAEL, oral, Rat, 20 mg/kg bw/day (subchronic), The effects observed are not sufficient for classification.
NOAEL, dermal, Rat, 80 mg/kg bw/day (subchronic), no adverse effect observed

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

Substance
Citric acid, CAS: 77-92-9
in vitro, The effects observed are not sufficient for classification.
in vivo, negative
Sodium mercaptoacetate solution (46%), CAS: 367-51-1
in vitro, negative
in vivo, negative

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

- Fertility

Substance
Sodium mercaptoacetate solution (46%), CAS: 367-51-1

NOAEL, oral, Rat, 20 mg/kg bw/day (subchronic), no adverse effect observed

- Development

Substance
Sodium mercaptoacetate solution (46%), CAS: 367-51-1
NOAEL, oral, Rabbit, 72 mg/kg bw/day (subacute), no adverse effect observed
NOAEL, dermal, Rat, 65 mg/kg bw/day (subacute), The effects observed are not sufficient for classification.

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

Substance
Sodium mercaptoacetate solution (46%), CAS: 367-51-1
NOAEL, dermal, mouse, 13,3 mg/kg bw/day (chronic), no adverse effect observed

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

General remarks

Toxicological data of complete product are not available.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties Contains no ingredients with endocrine-disrupting properties.
Under evaluation (ECHA, Endocrine disruptor assessment list): CAS1222-05-5

11.2.2 Other information none

SECTION 12: Ecological information

12.1 Toxicity

Substance
Citric acid, CAS: 77-92-9
LC50, (24h), Daphnia magna, 1535 mg/l, OECD 202
LC50, (96h), Leuciscus idus, > 440 - 760 mg/l, OECD 203
EC50, (72h), Daphnia magna, ca. 120 mg/l
NOEC, (8d), Scenedesmus quadricauda (algea), 425 mg/l
Sulphamic acid, CAS: 5329-14-6
LC50, (96h), Pimephales promelas, 70,3 mg/l (IUCLID)
Pyridine-2-thiol 1-oxide, sodium salt, CAS: 3811-73-2
LC50, (96h), Fish, 7.3 µg/L
EC50, (48h), Invertebrates, 600 µg/L
EC50, (72h), Algae, 220 µg/L
Alkylpolyglycoside C8-10, CAS: 68515-73-1
LC50, Fish, > 100 mg/l (ISO 7346/2)
EC50, (48h), Daphnia magna, > 100 mg/l (OECD 202)
EC0, Bacteria, > 100 mg/l (OECD 209)
Sodium mercaptoacetate solution (46%), CAS: 367-51-1
LC50, (96h), Fish, 100 mg/L
EC50, (48h), Invertebrates, 38 mg/L
EC50, (72h), Algae, 100 mg/L

12.2 Persistence and degradability

Behaviour in environment compartments not determined

Behaviour in sewage plant The product can cause foaming in sewage treatment plants.

Biological degradability Soaps and surfactants are readily biodegradable according to OECD criteria.
The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.
Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Substance
Citric acid, CAS: 77-92-9
(28d), 97 %, OECD 301 B, The product is readily biodegradable.
(19d), 100 %, OECD 301 E, The product is readily biodegradable.

12.3 Bioaccumulative potential

Accumulation in organisms is not expected.

Substance
Citric acid, CAS: 77-92-9
log Pow, -1,8 - -0,2

12.4 Mobility in soil

Spillages may penetrate the soil causing ground water contamination.

Substance
Citric acid, CAS: 77-92-9
pKa: 3.13, 4.76, 6.4 (25°C)

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

Contains no ingredients with endocrine-disrupting properties.
Under evaluation (ECHA, Endocrine disruptor assessment list): CAS1222-05-5

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

Dispose of contents/container in accordance with local/national regulation.

Waste no. (recommended) 200129*

Contaminated packaging

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

Waste no. (recommended) 150110* packaging containing residues of or contaminated by hazardous substances

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	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

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 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

EEC-REGULATIONS	2008/98/EG (2000/532/EC); 2010/75/EU; 2004/42/EG; (EG) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EWG ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 2024/573; (EU) 2019/1148; (EU) 2019/1021, (EU) 2023/707
- Comment on component parts	Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
- Annex XIV (REACH)	According to Annex XIV of Regulation (EC) 1907/2006 (REACH) the product does not contain any substances ≥ 0.1% that are subject to authorisation.
- Annex XVII (REACH)	According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product contains ≥ 0.1% of substances with the following restrictions. 75
	According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product is subject to the following restrictions. 3
TRANSPORT-REGULATIONS	ADR (2025); IMDG-Code (2025, 42. Amdt.); IATA-DGR (2026, 67th Edition)
NATIONAL REGULATIONS (EU):	
- Observe employment restrictions for people	Observe employment restrictions for mothers-to-be and nursing mothers. Observe employment restrictions for young people.
- VOC (2010/75/CE)	0 %

15.2 Chemical safety assessment

not applicable

SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

EUH070 Toxic by eye contact.
H411 Toxic to aquatic life with long lasting effects.
H372 Causes damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H331 Toxic if inhaled.
H311 Toxic in contact with skin.
H412 Harmful to aquatic life with long lasting effects.
H315 Causes skin irritation.
H335 May cause respiratory irritation.
H319 Causes serious eye irritation.
H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.
H302 Harmful if swallowed.

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

This document does not comply with Regulation (EC) No 1907/2006, article 31 (5) and may be used for internal purposes only.

Classification procedure Skin Sens. 1: H317 May cause an allergic skin reaction. (Calculation method)
Eye Irrit. 2: H319 Causes serious eye irritation. (Calculation method)

Modified position none

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