

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

febi 39095 automatic transmission fluid
Article number: 39095, 39096, 39097, 39098, 107393

1.2 Relevant identified uses of the substance or mixture and uses advised against**1.2.1 Relevant uses**

Gearbox oil

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company Ferdinand Bilstein GmbH + Co. KG
 Wilhelmstr. 47
 58256 Ennepetal / GERMANY
 Phone +49 2333 911-0
 Fax +49 2333 911-444
 Homepage www.febi.com
 E-mail info@febi.com

Address enquiries to

Technical information info@febi.com
Safety Data Sheet info@febi.com

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]**

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

2.2 Label elements

The product is required to be labelled in accordance with regulation (EC) No 1272/2008 (CLP).

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

Contains: 1-(tert-dodecylthio)propan-2-ol, 1,2-Propanediol, 3-amino-, N,N-dicoco alkyl derivs., olefin derivatives, Benzene, polypropene derivatives, sulfonated, calcium salts.
 EUH208 May produce an allergic reaction.

2.3 Other hazards**Physico-chemical hazards**

No particular hazards known.

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

none

SECTION 3: Composition / Information on ingredients**3.1 Substances**

not applicable

Ferdinand Bilstein GmbH + Co. KG

Date printed 25.03.2021, Revision 25.03.2021

Version 07. Supersedes version: 06

Page 2 / 14

3.2 Mixtures

The product is a mixture.

Range [%]	Substance
20 - < 50	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based CAS: 72623-87-1, EINECS/ELINCS: 276-738-4, EU-INDEX: 649-483-00-5, Reg-No.: 01-2119474889-13-XXXX GHS/CLP: Asp. Tox. 1: H304
1 - < 5	Bis(nonylphenyl)amine CAS: 36878-20-3, EINECS/ELINCS: 253-249-4, Reg-No.: 01-2119488911-28-XXXX GHS/CLP: Aquatic Chronic 4: H413
1 - < 2,5	Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy) derivs., C10-rich CAS: 398141-87-2, EINECS/ELINCS: 800-172-4, Reg-No.: 01-2119969520-35-XXXX GHS/CLP: Aquatic Chronic 2: H411
0,25 - < 1	1-(tert-dodecylthio)propan-2-ol CAS: 67124-09-8, EINECS/ELINCS: 266-582-5, Reg-No.: 01-2119953277-30-XXXX GHS/CLP: Skin Sens. 1: H317 - Aquatic Acute 1: H400 - Aquatic Chronic 1: H410 SCL [%]: >= 14,21: Skin Sens. 1: H317
0,01 - < 1	Amine, ethoxylated EINECS/ELINCS: 263-177-5 GHS/CLP: Skin Corr. 1C: H314 - Eye Dam. 1: H318 - Met. Corr. 1: H290 - Aquatic Acute 1: H400 - Aquatic Chronic 1: H410 - Acute Tox. 4: H302, M-Factor (acute): 10
0,1 - < 1	Acetamide, 2-hydroxy-, N,N-dicoco alkyl derivs EINECS/ELINCS: 471-920-1, Reg-No.: 01-0000019770-68 GHS/CLP: Skin Sens. 1: H317 SCL [%]: >= 9,4: Skin Sens. 1B: H317
0,1 - < 1	1,2-Propanediol, 3-amino-, N,N-dicoco alkyl derivs. EINECS/ELINCS: 482-000-4, Reg-No.: 01-0000020142-86 GHS/CLP: Skin Sens. 1: H317 - Aquatic Chronic 3: H412
0,1 - < 1	olefin derivatives EINECS/ELINCS: 939-580-3, Reg-No.: 01-2119976364-28 GHS/CLP: Skin Sens. 1: H317
0,1 - < 1	Benzene, polypropene derivatives, sulfonated, calcium salts CAS: 75975-85-8, EINECS/ELINCS: 616-278-7 GHS/CLP: Skin Sens. 1B: H317

Comment on component parts

Contains less than 3% w/w DMSO-extract (only for mineral oils)
Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
For full text of H-statements and R-phrases: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Change soaked clothing.

Inhalation

Ensure supply of fresh air.
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.
If eye irritation persists: Get medical advice/attention.

Ingestion

Do not induce vomiting.
Rinse out mouth and give plenty of water to drink.
Get medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Irritant effects

4.3 Indication of any immediate medical attention and special treatment needed

If swallowed or in the event of vomiting, risk of product entering the lungs.
Treat symptomatically.
Forward this sheet to your doctor.

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

Not combusted hydrocarbons.
Risk of formation of toxic pyrolysis products.
Carbon monoxide (CO)

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.
Forms slippery surfaces with water.

6.2 Environmental precautions

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

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

No special measures necessary if used correctly.
The product is combustible.
Do not eat, drink or smoke when using this product.
Use barrier skin cream.
Wash hands before breaks and after work.
Contaminated work clothing should not be allowed out of the workplace.
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.

Safety Data Sheet REACH(UK) (GB)

**febi 39095 automatic transmission fluid Article number 39095, 39096, 39097,
39098, 107393**



Ferdinand Bilstein GmbH + Co. KG

Date printed 25.03.2021, Revision 25.03.2021

Version 07. Supersedes version: 06

Page 4 / 14

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 (GB)

not applicable

DNEL

Substance
Bis(nonylphenyl)amine, CAS: 36878-20-3
Industrial, dermal, Long-term - systemic effects, 5 mg/kg bw/day
general population, dermal, Long-term - systemic effects, 2,5 mg/kg bw/day
general population, oral, Long-term - systemic effects, 0,25 mg/kg bw/day
olefin derivatives
Industrial, inhalative, Long-term - systemic effects, 5,88 mg/m ³ (AF=75)
Industrial, dermal, Long-term - systemic effects, 16,7 mg/kg bw/d (AF=300)
general population, inhalative, Long-term - systemic effects, 1,45 mg/m ³ (AF=150)
general population, oral, Long-term - systemic effects, 0,83 mg/kg bw/d (AF=600)
general population, dermal, Long-term - systemic effects, 8,3 mg/kg bw/d (AF=600)
Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy) derivs., C10-rich, CAS: 398141-87-2
Industrial, dermal, Long-term - systemic effects, 44 mg/kg bw/day
Industrial, inhalative, Long-term - systemic effects, 3,1 mg/m ³
general population, dermal, Long-term - systemic effects, 22 mg/kg bw/day
general population, inhalative, Long-term - systemic effects, 0,8 mg/m ³
general population, oral, Long-term - systemic effects, 0,4 mg/kg bw/day
Acetamide, 2-hydroxy-, N,N-dicoco alkyl derivs
Industrial, dermal, Acute - local effects, 417,36 µg/cm ²
1-(tert-dodecylthio)propan-2-ol, CAS: 67124-09-8
Industrial, dermal, Long-term - systemic effects, 3,34 mg/kg bw/day
Industrial, inhalative, Long-term - systemic effects, 11,8 mg/m ³
Industrial, dermal, Acute - local effects, 215,4 µg/cm ²
general population, dermal, Long-term - systemic effects, 1,67 mg/kg bw/day
general population, dermal, Acute - local effects, 107,7 µg/cm ²
general population, oral, Long-term - systemic effects, 0,84 mg/kg bw/day
general population, inhalative, Long-term - systemic effects, 2,9 mg/m ³

PNEC

Substance
Bis(nonylphenyl)amine, CAS: 36878-20-3
sediment (freshwater), 1 mg/kg sediment dw
freshwater, 412 µg/L
sediment (seawater), 0.1 mg/kg sediment dw
seawater, 41.2 µg/L
olefin derivatives
oral (food), 33,3 mg/kg food (AF=300)
sewage treatment plants (STP), 100 mg/l (AF=100)
seawater, 0,02 mg/l (AF=500)
soil, 1706,3 mg/kg dw



Ferdinand Bilstein GmbH + Co. KG

Date printed 25.03.2021, Revision 25.03.2021

Version 07. Supersedes version: 06

Page 6 / 14

sediment (seawater), 855,6 mg/kg dw
sediment (freshwater), 8556 mg/kg dw
freshwater, 0,2 mg/l (AF=50)
Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy) derivs., C10-rich, CAS: 398141-87-2
sewage treatment plants (STP), 100 mg/l
seawater, 0,000 mg/l
freshwater, 0,002 mg/l
sediment (freshwater), 0,435 mg/kg sediment dw
sediment (seawater), 0,043 mg/kg sediment dw
oral (food), 6,66 mg/kg food
soil, 0,086 mg/kg soil dw
1-(tert-dodecylthio)propan-2-ol, CAS: 67124-09-8
freshwater, 0,006 mg/l
sewage treatment plants (STP), 100 mg/l
sediment (freshwater), 8,28 mg/kg sediment dw
sediment (seawater), 0,828 mg/kg sediment dw
soil, 0,244 mg/kg soil dw
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. General exposure limit for oil mist should be noted.
Eye protection	If there is a risk of splashing: safety glasses (EN 166:2001)
Hand protection	The details concerned are recommendations. Please contact the glove supplier for further information. > 0,4 mm; Nitrile rubber, >480 min (EN 374-1/-2/-3). > 0,4 mm; Neoprene, >480 min (EN 374-1/-2/-3).
Skin protection	light protective clothing
Other	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. Avoid contact with eyes and skin.
Respiratory protection	not applicable
Thermal hazards	No information available.
Delimitation and monitoring of the environmental exposition	Comply with applicable environmental regulations limiting discharge to air, water and soil.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Color	green-yellow
Odor	characteristic
Odour threshold	not applicable
pH-value	not applicable
pH-value [1%]	not applicable
Boiling point [°C]	No information available.
Flash point [°C]	202 (EN ISO 2592)
Flammability (solid, gas) [°C]	No information available.
Lower explosion limit	No information available.
Upper explosion limit	No information available.
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	No information available.
Density [g/ml]	0,84 (DIN 51757) (15° C)
Bulk density [kg/m ³]	not applicable
Solubility in water	immiscible
Solubility other solvents	No information available.
Partition coefficient [n-octanol/water]	No information available.
Kinematic viscosity	28,3 mm ² /s (DIN 51562)(40° C)
Relative vapour density	No information available.
Evaporation speed	No information available.
Melting point [°C]	No information available.
Auto-ignition temperature	No information available.
Decomposition temperature [°C]	No information available.
Particle characteristics	No information available.

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

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

No dangerous reactions known if used as directed.

10.4 Conditions to avoid

Strong heating.

10.5 Incompatible materials

Oxidizing agent
Strong basic compounds
Strong acids.

Safety Data Sheet REACH(UK) (GB)

**febi 39095 automatic transmission fluid Article number 39095, 39096, 39097,
39098, 107393**



Ferdinand Bilstein GmbH + Co. KG

Date printed 25.03.2021, Revision 25.03.2021

Version 07. Supersedes version: 06

Page 8 / 14

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity

Substance
Bis(nonylphenyl)amine, CAS: 36878-20-3
LD50, oral, Rat, 5000 mg/kg bw
olefin derivatives
LD50, oral, Rat, > 2000 mg/kg bw
Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy) derivs., C10-rich, CAS: 398141-87-2
LD50, oral, Rat, >10 ml/kg bw (US 16 CFR 1500.3) >10 ml/kg bw (US)
Acetamide, 2-hydroxy-, N,N-dicoco alkyl derivs
LD50, oral, Rat (female), > 2500 mg/kg bw
1,2-Propanediol, 3-amino-, N,N-dicoco alkyl derivs.
LD50, oral, Rat, > 2500 mg/kg bw
1-(tert-dodecylthio)propan-2-ol, CAS: 67124-09-8
LD50, oral, Rat, >5000 mg/kg bw

Acute dermal toxicity

Substance
Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy) derivs., C10-rich, CAS: 398141-87-2
LD50, dermal, Rabbit, >4000 - <8000 mg/kg bw (US 16 CFR 1500.3) >10 ml/
Acetamide, 2-hydroxy-, N,N-dicoco alkyl derivs
LD50, dermal, Rat (female), > 2000 mg/kg bw
1-(tert-dodecylthio)propan-2-ol, CAS: 67124-09-8
LD50, dermal, Rabbit, >2000 mg/kg bw (OECD 434)

Acute inhalational toxicity

Substance
1,2-Propanediol, 3-amino-, N,N-dicoco alkyl derivs.
LD50, inhalative, Rat, > 2000 mg/kg bw

Serious eye damage/irritation Based on the available information, the classification criteria are not fulfilled.

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

Respiratory or skin sensitisation Toxicological data of complete product are not available.
May produce an allergic reaction.
Calculation method

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

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

Substance
Bis(nonylphenyl)amine, CAS: 36878-20-3
NOEL, oral, Rat, 100 mg/kg bw/day

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

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

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

Ferdinand Bilstein GmbH + Co. KG

Date printed 25.03.2021, Revision 25.03.2021

Version 07. Supersedes version: 06

Page 10 / 14

Aspiration hazard

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

General remarks

Toxicological data of complete product are not available.
The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists.

SECTION 12: Ecological information

12.1 Toxicity

Substance
Bis(nonylphenyl)amine, CAS: 36878-20-3
EC50, (48h), Invertebrates, 100 mg/L
EL50, (72h), Algae, 100 mg/L
NOELR, (21d), Invertebrates, 4.45 mg/L
NOELR, (33d), fish, 10 mg/L
olefin derivatives
LC50, (96h), fish, > 101 mg/l
EC50, (72d), Algae, > 101 mg/l
NOEC, (21d), Daphnia magna, 10 mg/l
LL50, (96h), Rainbow trout, > 100 mg/l
Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy) derivs., C10-rich, CAS: 398141-87-2
EC50, (48h), Daphnia magna, 4,6 mg/l (OECD 202)
LL50, (96h), Oncorhynchus mykiss, 2,4 mg/l (OECD 203)
EbL50, (72h), Scenedesmus subspicatus, 3,5 mg/l (OECD 201)
Acetamide, 2-hydroxy-, N,N-dicoco alkyl derivs
EC50, (14d), Danio rerio, >108 mg/l (OECD 204)
EC50, (48h), Daphnia magna, 77 mg/l (OECD 202)
EL50, (21d), Daphnia magna, 100 mg/l (OECD 211)
EL50, (72h), Desmodesmus subspicatus, >160 mg/l (OECD 201)
LL50, (96h), Oncorhynchus mykiss, 610 mg/l (OECD 203)
1,2-Propanediol, 3-amino-, N,N-dicoco alkyl derivs.
LC50, (96h), Oncorhynchus mykiss, > 100 mg/l
EC50, (48h), Daphnia magna, 230 mg/l
EC50, (72h), Desmodesmus subspicatus, 10 mg/l
1-(tert-dodecylthio)propan-2-ol, CAS: 67124-09-8
EL50, (96h), Desmodesmus subspicatus, >100 mg/l (OECD 201)
EL50, (48h), Daphnia magna, 0,58 mg/l (OECD 202)
EL50, (21d), Daphnia magna, 0,75 mg/l (OECD 211)
LL50, (96h), Oncorhynchus mykiss, 0,75 mg/l (OECD 203)
Amine, ethoxylated
LC50, (96h), fish, < 1 mg/l
EC50, (72h), Algae, < 0,01 mg/l
EC50, (48h), Daphnia magna, < 1 mg/l



Ferdinand Bilstein GmbH + Co. KG

Date printed 25.03.2021, Revision 25.03.2021

Version 07. Supersedes version: 06

Page 11 / 14

12.2 Persistence and degradability

Behaviour in environment compartments	not determined
Behaviour in sewage plant	not determined
Biological degradability	not determined

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

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

No information available.

12.7 Other adverse effects

No classification on the basis of the calculation procedure of the preparation directive.

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

In according to RoHS!
Disposal in an incineration plant in accordance with the regulations of the local authorities.
For recycling, consult manufacturer.

Waste no. (recommended)

130205* mineral-based non-chlorinated engine, gear and lubricating oils

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
150110* packaging containing residues of or contaminated by hazardous substances



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

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

Ferdinand Bilstein GmbH + Co. KG

Date printed 25.03.2021, Revision 25.03.2021

Version 07. Supersedes version: 06

Page 13 / 14

14.5 Environmental hazardsTransport 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**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) 2020/878; (EU) 2016/131; (EU) 517/2014
TRANSPORT-REGULATIONS	ADR (2021); IMDG-Code (2021, 40. Amdt.); IATA-DGR (2021)
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

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

SECTION 16: Other information**16.1 Hazard statements (SECTION 3)**

H302 Harmful if swallowed.
H290 May be corrosive to metals.
H318 Causes serious eye damage.
H314 Causes severe skin burns and eye damage.
H412 Harmful to aquatic life with long lasting effects.
H410 Very toxic to aquatic life with long lasting effects.
H400 Very toxic to aquatic life.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.
H413 May cause long lasting harmful effects to aquatic life.
H304 May be fatal if swallowed and enters airways.

Ferdinand Bilstein GmbH + Co. KG

Date printed 25.03.2021, Revision 25.03.2021

Version 07. Supersedes version: 06

Page 14 / 14

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**

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

Modified position

none