

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**
**1.1 Product identifier**
**Lederband Deospray**
**Article number: 141265, 101358, 141302, 141265OV, 141265OVC1**
**1.2 Relevant identified uses of the substance or mixture and uses advised against**
**1.2.1 Relevant uses**

Cleaning agent

**1.2.2 Uses advised against**

None known.

**1.3 Details of the supplier of the safety data sheet**
**Company**

Beco Technic GmbH  
 Hermsdorfer Str. 5  
 21502 Geesthacht / GERMANY  
 Phone +49 (0) 41 52 / 80 96 56  
 Fax +49 (0) 41 52 / 80 96 96  
 Homepage [www.beco-technic.com](http://www.beco-technic.com)  
 E-mail [service@beco-lifestyle.com](mailto:service@beco-lifestyle.com)

**Address enquiries to**
**Technical information**
[service@beco-lifestyle.com](mailto:service@beco-lifestyle.com)
**Safety Data Sheet**
[sdb@chemiebuero.de](mailto: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) 551-19240 (24h)

**SECTION 2: Hazards identification**
**2.1 Classification of the substance or mixture [REGULATION (GB) CLP]**

No classification.

**2.2 Label elements**

The product does not require a hazard warning label in accordance with regulation CLP.

**Hazard pictograms**

none

**Signal word**

none

**Hazard statements**

none

**Precautionary statements**

none

**Cleaner, 648/2004/CE, contains:**

< 5% amphoteric surfactants  
 perfumes

**2.3 Other hazards**
**Human health dangers**

If swallowed or in the event of vomiting, risk of product entering the lungs.  
 The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**Environmental hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**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
1 - < 3	Propan-2-ol CAS: 67-63-0, EINECS/ELINCS: 200-661-7, EU-INDEX: 603-117-00-0, Reg-No.: 01-2119457558-25-XXXX GHS/CLP: Flam. Liq. 2: H225 - Eye Irrit. 2: H319 - STOT SE 3: H336
1 - < 3	2-Butoxyethanol CAS: 111-76-2, EINECS/ELINCS: 203-905-0, EU-INDEX: 603-014-00-0 GHS/CLP: Acute Tox. 4: H302 - Acute Tox. 3: H331 - Eye Irrit. 2: H319 - Skin Irrit. 2: H315

#### 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

In case of contact with skin wash off with warm 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

Consult a doctor immediately.  
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

None known.

#### 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.

### 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

none

#### 5.2 Special hazards arising from the substance or mixture

No information available.

#### 5.3 Advice for firefighters

Use self-contained breathing apparatus.  
Collect contaminated firefighting water separately, must not be discharged into the drains.  
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

Wear suitable protective equipment. For personal protection see SECTION 8.  
High risk of slipping due to leakage/spillage of product.

### 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.

Do not eat, drink or smoke when using this product.  
Take off contaminated clothing and wash before reuse.  
Wash hands before breaks and after work.  
Use barrier skin cream.

### 7.2 Conditions for safe storage, including any incompatibilities

Prevent penetration into the ground.  
Keep only in original container.  
Do not store together with food and animal food/diet.  
Keep container tightly closed.

### 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)**

Substance
2-Butoxyethanol
CAS: 111-76-2, EINECS/ELINCS: 203-905-0, EU-INDEX: 603-014-00-0
Long-term exposure: 25 ppm, 123 mg/m <sup>3</sup> , Sk, BMGV
Short-term exposure (15-minute): 50 ppm, 246 mg/m <sup>3</sup>
Propan-2-ol
CAS: 67-63-0, EINECS/ELINCS: 200-661-7, EU-INDEX: 603-117-00-0, Reg-No.: 01-2119457558-25-XXXX
Long-term exposure: 400 ppm, 999 mg/m <sup>3</sup>
Short-term exposure (15-minute): 500 ppm, 1250 mg/m <sup>3</sup>

**Ingredients with occupational exposure limits to be monitored (EU)**

Substance / EC LIMIT VALUES
2-Butoxyethanol
CAS: 111-76-2, EINECS/ELINCS: 203-905-0, EU-INDEX: 603-014-00-0
Eight hours: 20 ppm, 98 mg/m <sup>3</sup> , H
Short-term (15-minute): 50 ppm, 246 mg/m <sup>3</sup>

**DNEL**

Substance
Propan-2-ol, CAS: 67-63-0
Industrial, inhalative (vapor), Long-term - systemic effects, 500 mg/m <sup>3</sup>
Industrial, dermal, Long-term - systemic effects, 888 mg/kg bw/day
general population, inhalative (vapor), Long-term - systemic effects, 89 mg/m <sup>3</sup>
general population, dermal, Long-term - systemic effects, 319 mg/kg bw/day
general population, oral, Long-term - systemic effects, 26 mg/kg

**PNEC**

Substance
Propan-2-ol, CAS: 67-63-0
oral (food), 160 mg/kg
sewage treatment plants (STP), 2251 mg/l
freshwater, 140.9 mg/l
sediment (freshwater), 552 mg/kg
sediment (seawater), 552 mg/kg
seawater, 140.9 mg/l
soil, 28 mg/kg

**8.2 Exposure controls**

<b>Additional advice on system design</b>	No special measures necessary.
<b>Eye protection</b>	If there is a risk of splashing: safety glasses
<b>Hand protection</b>	> 0.11 mm. butyl rubber, > 120 min (EN 374) The details concerned are recommendations. Please contact the glove supplier for further information.
<b>Skin protection</b>	Not required under normal conditions.
<b>Other</b>	Avoid contact with eyes and skin.
<b>Respiratory protection</b>	Not required under normal conditions.
<b>Thermal hazards</b>	none
<b>Delimitation and monitoring of the environmental exposition</b>	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**

<b>Physical state</b>	Liquid
<b>Form</b>	liquid
<b>Color</b>	various
<b>Odor</b>	characteristic
<b>Odour threshold</b>	No information available.
<b>pH-value</b>	No information available.
<b>pH-value [1%]</b>	No information available.
<b>Boiling point [°C]</b>	No information available.
<b>Flash point [°C]</b>	not applicable
<b>Flammability</b>	not applicable
<b>Lower explosion limit</b>	not applicable
<b>Upper explosion limit</b>	not applicable
<b>Oxidising properties</b>	none
<b>Vapour pressure/gas pressure [kPa]</b>	No information available.
<b>Density [g/cm<sup>3</sup>]</b>	No information available.
<b>Relative density</b>	No information available.
<b>Bulk density [kg/m<sup>3</sup>]</b>	not applicable
<b>Solubility in water</b>	completely miscible
<b>Solubility other solvents</b>	No information available.
<b>Partition coefficient [n-octanol/water]</b>	not applicable
<b>Kinematic viscosity</b>	No information available.
<b>Relative vapour density</b>	No information available.
<b>Evaporation speed</b>	No information available.
<b>Melting point [°C]</b>	No information available.
<b>Auto-ignition temperature [°C]</b>	No information available.
<b>Decomposition temperature [°C]</b>	No information available.
<b>Particle characteristics</b>	not applicable

**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 hazardous reactions known.

### 10.4 Conditions to avoid

No information available.

### 10.5 Incompatible materials

No information available.

### 10.6 Hazardous decomposition products

No decomposition if used and stored according to specifications.

**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
Propan-2-ol, CAS: 67-63-0
LC50, oral, Rat, 5045 mg/kg (RTECS)
LD0, oral, Human, 3570 mg/kg (RTECS)
2-Butoxyethanol, CAS: 111-76-2
LD50, oral, Guinea pig, 1414 mg/kg
LD50, oral, Rat, 1746 mg/kg (OECD 401)
ATE, oral, 1200 mg/kg bw

**Acute dermal toxicity**

Product
Based on the available information, the classification criteria are not fulfilled.
Substance
Propan-2-ol, CAS: 67-63-0
LD50, dermal, Rabbit, 12800 mg/kg (RTECS)
2-Butoxyethanol, CAS: 111-76-2
LD50, dermal, Guinea pig, > 2000 mg/kg (OECD 402)

**Acute inhalational toxicity**

Product
ATE-mix, inhalation (vapour ), > 20 mg/l, 4h
Substance
Propan-2-ol, CAS: 67-63-0
LC50, inhalative, Rat, 72.6 mg/l/4h (RTECS)
2-Butoxyethanol, CAS: 111-76-2
LC0, inhalation (vapour ), Guinea pig, > 3.1 mg/l/1h
ATE, inhalation (vapour ), 3 mg/L, Category 3,

**Serious eye damage/irritation**

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

Substance
Propan-2-ol, CAS: 67-63-0
Eye, Rabbit, irritant
2-Butoxyethanol, CAS: 111-76-2
Study, irritant

**Skin corrosion/irritation**

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

Substance
Propan-2-ol, CAS: 67-63-0
dermal, Rabbit, irritant

2-Butoxyethanol, CAS: 111-76-2
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Study, irritant
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**Respiratory or skin sensitisation** Based on the available information, the classification criteria are not fulfilled.

Substance
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Propan-2-ol, CAS: 67-63-0
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dermal, Guinea pig, OECD 406, non-sensitizing
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2-Butoxyethanol, CAS: 111-76-2
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dermal, Guinea pig, OECD 406, non-sensitizing
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**Specific target organ toxicity — single exposure** Based on the available information, the classification criteria are not fulfilled.

Substance
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2-Butoxyethanol, CAS: 111-76-2
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inhalative, non-irritating
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**Specific target organ toxicity — repeated exposure** Based on the available information, the classification criteria are not fulfilled.

Substance
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Propan-2-ol, CAS: 67-63-0
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NOAEC, inhalative, Rat, 12500 mg/m <sup>3</sup> , OECD 451, negativ
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2-Butoxyethanol, CAS: 111-76-2
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LOAEL, oral, Rat, 69 mg/kg bw/day, Study, negativ
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LOAEC, inhalative, Rat, 152 mg/m <sup>3</sup> , Study, negativ
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**Mutagenicity** Based on the available information, the classification criteria are not fulfilled.

Substance
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Propan-2-ol, CAS: 67-63-0
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OECD 476, negativ
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**Reproduction toxicity** Based on the available information, the classification criteria are not fulfilled.

**- Fertility**

Substance
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Propan-2-ol, CAS: 67-63-0
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oral, Rat, 596 mg/kg bw/day, OECD 414, negativ
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2-Butoxyethanol, CAS: 111-76-2
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NOAEL, oral, Rat, 720 mg/kg bw/day, Study, negativ
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**- Development**

Substance
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Propan-2-ol, CAS: 67-63-0
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oral, Rat, 596 mg/kg bw/day, OECD 414, negativ
--

2-Butoxyethanol, CAS: 111-76-2
--------------------------------

NOAEL, oral, Rat, 720 mg/kg bw/day, Study, negativ
--

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

Substance
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Propan-2-ol, CAS: 67-63-0
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Lederband Deospray

Article number 141265, 101358, 141302, 141265OV, 141265OVC1

Beco Technic GmbH

21502 Geesthacht

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NOAEC, inhalative, Rat, 12 290 mg/m<sup>3</sup>, OECD 451, negativ

2-Butoxyethanol, CAS: 111-76-2

NOAEC, inhalative, Rat, 125 mg/m<sup>3</sup>, Study, negativ

**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. The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

**11.2 Information on other hazards**

**Endocrine disrupting properties** The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**Other information** none

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

Substance

Propan-2-ol, CAS: 67-63-0

LC50, (96h), *Lepomis macrochirus*, 1400 mg/l (ECOTOX-Database)EC50, (48h), *Daphnia magna*, > 13000 mg/l (IUCLID)IC50, (72h), *Scenedesmus quadricauda* (alga), > 1000 mg/l (IUCLID)

2-Butoxyethanol, CAS: 111-76-2

LC50, (96h), *Oncorhynchus mykiss*, 1474 mg/l (OECD 203)EC50, (72h), *Pseudokirchneriella subcapitata*, 1840 mg/l (OECD 201)EC50, (48h), *Daphnia magna*, 1550 mg/l (OECD 202)EC0, (16h), *Pseudomonas putida*, 700 mg/l (DIN 38412)NOEL, (21d), *Daphnia magna*, 100 mg/l (OECD 211)NOEL, (21d), *Brachidanio rerio*, > 100 mg/l**12.2 Persistence and degradability**

**Behaviour in environment compartments** No information available.

**Behaviour in sewage plant** No information available.

**Biological degradability** 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.

**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

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## 12.7 Other adverse effects

Ecological data of complete product are not available.

The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

Do not discharge product unmonitored into the environment.

## 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

Coordinate disposal with the authorities if necessary.

#### Waste no. (recommended)

200130 detergents other than those mentioned in 20 01 29

#### 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

## 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/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 (2023); IMDG-Code (2023, 41. Amdt.); IATA-DGR (2023)

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

- Observe employment restrictions for people none

- VOC (2010/75/CE) ca. 2 %

**15.2 Chemical safety assessment**

For the following substances of this preparation a chemical safety assessment has been carried out:

CAS 67-63-0

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

H336 May cause drowsiness or dizziness.

H225 Highly flammable liquid and vapour.

H331 Toxic if inhaled.

H319 Causes serious eye irritation.

H315 Causes skin irritation.

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**

Classification procedure

**Modified position**

SECTION 2 been added: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 2 been added: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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