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

1.1 Product identifier

Product Name	Brillo Soap Pads
Other means of identification	Boyne Valley Product Codes 200187, 200188, 200204, 200920, 201217, 201234, 201240, 201347,201358 & 201363

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

Use of the substance/mixture	Scouring cleaner for washing and cleaning purposes.
Relevant identified uses	Washing and Cleaning Products
Uses advised against	Uses other than those identified are not recommended.

1.3 Details of the supplier of the safety data sheet

Producer/Supplier	Brillo
Address	Boyne Valley Group 118 Pall Mall London SW1Y 5EA
Telephone No.	+44 (0) 207 2020689
email	pnalty@boynevalley.com

1.4 Emergency telephone number +353 41 9870360

Emergency Telephone No.

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Hazard Classification	Hazard category	Hazards identification
Skin sensitisation	Category 1	May cause an allergic skin reaction.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms

Warning

Contains 2-methyl-2H-isothiazol-3-one

Hazard statements

H317	May cause an allergic skin reaction.

Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P302 +P352	IF ON SKIN: Wash with plenty of soap and water.
P501	Dispose of contents/container in accordance with local regulations.
P280	Wear protective gloves.

Additional labelling

Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

2.3 Other hazards None identified

Section 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature Aqueous mixture of fatty acid sodium salt.

Hazardous components

Substance	CAS No. EU INDEX No. EC No. REACH Registration No.	Concentration (% w/w)	Classification according Regulation (EC) No. 1272 [CLP]	SCL and/or M-factor
Sodium Xylene Sulphonate	1300-72-7 - - - - 215-090-9 01-2119513350-56	3.0 - 5.0	Eye Irrit. 2, H319	
Sodium Nitrite	7632-00-0 007-010-00-4 231-555-9 01-2119471836-27	0.5 - 2.0	Ox. Sol. 3, H272 Acute Tox. 3 (oral), H301 Eye Irrit. 2, H319 Aquatic Acute 1, H400	 M=1
Sodium Hydroxide	1310-73-2 011-002-00-6 215-185-5 01-2119457892-27	0.0 – 0.3	Met. Corr. 1, H290 Skin Corr. 1A, H314 Eye Dam. 1, H318	 C ≥ 5 % Skin Corr. 1A; H314: 2 % ≤ C < 5 % Skin Corr. 1B; H314: 0,5 % ≤ C < 2 % Skin Irrit. 2; H315: 0,5 % ≤ C < 2 % Eye Irrit. 2; H319:
N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9 - - - - 219-145-8 01-2119980592-29	< 0.10	Acute Tox. 3; H301 Skin Corr. 1A; H314 Eye Dam. 1, H318 STOT SE 2; H373 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	 M=10 M=1
1,2-Benzisothiazol-3(2H)-one	2634-33-5 613-088-00-6 220-120-9 01-2120761540-60	< 0.05	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 2; H411	 C ≥ 0,05 % Skin Sens. 1; H317:
2-Methyl-2H-isothiazol-3-one	2682-20-4 613-326-00-9 220-239-6 01-2120764690-50	< 0.05	Acute Tox. 3; H301 Acute Tox. 3; H311 Acute Tox. 2; H330 Skin Sens. 1A; H317 Eye Dam. 1; H318 Skin Corr. 1B; H314 STOT SE 3; H335 Aquatic Acute 1; H400 Aquatic Chronic 2; H411	 C ≥ 0,0015 % Skin Sens 1A; H317 M=10 M=1
1-amino-4-hydroxy-2-phenoxyanthraquinone	17418-58-5 - - - - 241-442-6 01-2120094712-53	0.0042 – 0.0060	Skin Sens. 1A; H317	

Section 4: First aid measures

4.1 Description of first aid measures

General advice	No special measures required.
If inhaled	No special requirements.
In case of skin contact	Wash affected area with plenty of water.
In case of eye contact	Immediately irrigate with clean water for several minutes. Seek medical attention, if irritation persists.
If swallowed	Do not induce vomiting. Wash out mouth with water, do not swallow. When in doubt or if symptoms persist, seek medical attention.

4.2 most important symptoms and side effects, both acute and delayed

Symptoms	No significant symptoms are expected due to the non-classification of the product.

4.3 Indication of any immediate medical attention and special treatment needed

No supplementary information available

Section 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media	Powder, foam, carbon dioxide.
Extinguishing media inadvisable	Do not use water jet

5.2 Special hazards arising from the substance or mixture

Hazardous thermal decomposition products	May produce fumes of carbon monoxide and carbon dioxide on burning.
Special hazards arising from the substance or mixture	Exposure to decomposition products may be a hazard to health. In case of fire do not breathe fumes.

5.3 Advice for fire fighters

Protection for fire fighters	Wear a self-contained breathing apparatus. Wear suitable protective clothing and gloves.

6 Section: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No special precautions required.
For emergency responders	No special precautions required.

6.2 Environmental precautions

Environmental precautions	Minimize contamination of drains, surface and ground waters.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up	Sweep or shovel up spillage and remove to a safe place.

6.4 Reference to other sections

Emergency telephone number	See section 1.
Personal protective equipment	See section 8.
Waste disposal method	See section 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

Protective measures	Do not ingest. Avoid contact with eyes.
Advice on general occuptional hygiene	No special precautions

7.2 Conditions for safe storage, including any incompatabilities

Storage	Store in original containers at room temperature and under dry conditions. Keep out of reach of children.

7.3 Specific end uses

Recommendations	Not available

Section 8: Exposure controls/Personal protection

8.1 Control parameters

8.1.1. Components with workplace control parameters

SUBSTANCE: SODIUM HYDROXIDE
CAS No: 1310-73-2
EC No.: 215-185-5

	Limit value - Eight hours		Limit value - Short term		
Country	**ppm**	**mg/m³**	**ppm**	**mg/m³**	**Source**
Portugal				2 (1)	Diário da República, 1.ª série - N.º 26 - 6 de fevereiro de 2012
Spain		2			Límites de Exposición Profesional para Agentes Qulmicos en España 2017

	Remarks
Portugal	(1) Ceiling limit value

DNEL values

DNEL oral exposure – Consumer (mg/kg bw/day)

Ingredient	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
Sodium Xylene Sulphonate	-	-	-	3,8
Sodium Nitrite	-	-	-	-
Sodium Sulphate	-	-	-	-
Sodium Hydroxide	-	-	-	-
N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine	-	-	-	0,2
1,2-Benzisothiazol-3(2H)-one	-	-	-	-
2-Methyl-2H-isothiazol-3-one	-	-	-	-

DNEL oral exposure – Worker (mg/kg bw)

Ingredient	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
Sodium Xylene Sulphonate	-	-	-	-
Sodium Nitrite	-	-	-	-
Sodium Sulphate	-	-	-	-
Sodium Hydroxide	-	-	-	-
N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine	-	-	-	-
1,2-Benzisothiazol-3(2H)-one	-	-	-	-
2-Methyl-2H-isothiazol-3-one	-	-	-	-

DNEL inhalation exposure – Consumer (mg/m^3)

Ingredient	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
Sodium Xylene Sulphonate	-	-	-	13,2
Sodium Nitrite	-	-	-	-
Sodium Sulphate	-	-	12	12
Sodium Hydroxide	-	-	-	-
N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine	-	-	-	0,7
1,2-Benzisothiazol-3(2H)-one	-	-	1	-
2-Methyl-2H-isothiazol-3-one	-	-	-	-

DNEL inhalation exposure – Worker (mg/m^3)

Ingredient	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
Sodium Xylene Sulphonate	-	-	-	53,6
Sodium Nitrite	-	2	-	2
Sodium Sulphate	-	-	20	20
Sodium Hydroxide	-	-	1	-
N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine	-	-	-	2,35
1,2-Benzisothiazol-3(2H)-one	-	-	-	-
2-Methyl-2H-isothiazol-3-one	-	-	-	-

DNEL dermal exposure – Consumer (mg/kg bw/day)

Ingredient	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
Sodium Xylene Sulphonate	-	-	-	3,8
Sodium Nitrite	-	-	-	-
Sodium Sulphate	-	-	-	-
Sodium Hydroxide	-	-	-	-
N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine	-	-	-	0,54
1,2-Benzisothiazol-3(2H)-one	-	-	-	-
2-Methyl-2H-isothiazol-3-one	-	-	-	-

DNEL dermal exposure – Worker (mg/kg bw/day)

Ingredient	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
Sodium Xylene Sulphonate	-	-	-	7,6
Sodium Nitrite	-	-	-	-
Sodium Sulphate	-	-	-	-
Sodium Hydroxide	-	-	-	-
N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine	-	-	-	0,91
1,2-Benzisothiazol-3(2H)-one	-	-	-	-
2-Methyl-2H-isothiazol-3-one	-	-	-	-

PNEC

Component	PNEC type	Value
Sodium Xylene Sulphonate	PNEC aquatic, freshwater	0,23 mg/l
Sodium Xylene Sulphonate	PNEC aquatic, intermittent release	2,3 mg/l
Sodium Xylene Sulphonate	PNEC sewage treatment plant	100 mg/l
Sodium Nitrite	PNEC aquatic, freshwater	0,0054 mg/l
Sodium Nitrite	PNEC aquatic, marine water	0,00616 mg/l
Sodium Nitrite	PNEC aquatic, intermittent release	0,0054 mg/l
Sodium Nitrite	PNEC sediment, freshwater	0,0195 mg/kg
Sodium Nitrite	PNEC sediment, marine water	0,0223 mg/kg
Sodium Nitrite	PNEC soil	0,000733 mg/kg
Sodium Nitrite	PNEC sewage treatment plant	21 mg/l
Sodium Sulphate	PNEC aquatic, freshwater	11,09 mg/l
Sodium Sulphate	PNEC aquatic, marine water	1,109 mg/l
Sodium Sulphate	PNEC sediment, freshwater	40,2 mg/kg
Sodium Sulphate	PNEC sediment, marine water	4,02 mg/kg
Sodium Sulphate	PNEC soil	1,54 mg/kg
Sodium Sulphate	PNEC sewage treatment plant	800 mg/l
N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine	PNEC aquatic, freshwater	0,001 mg/l
N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine	PNEC aquatic, marine water	0,0001 mg/l
N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine	PNEC sediment, freshwater	8,5 mg/kg
N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine	PNEC sediment, marine water	0,85 mg/kg
N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine	PNEC soil	45,34 mg/kg
N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine	PNEC sewage treatment plant	1,33 mg/l

8.2 Exposure controls

Personal protective equipment

Eye/face protection	No special requirements.
Hand protection	Rubber gloves are recommended.
Respiratory protection	No special requirements.
Skin and body protection	Wash contaminated clothing before re-use.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	
Physical state	Mild steel soap pad impregnanted with soap (solid at room temperature)
Colour	Pink
Odour	Tallow odour.
Odour threshold	No data available.
Melting point/freezing point	Not determined.
Initial boiling point and boiling range	Not determined.
Flammability	Not determined.
Lower and upper explosion limit	
Lower explosion limit	Not applicable.
Upper explosion limit	Not applicable.
Flash point	Not determined.
Auto-ignition temperature	Not determined.
Decompostion temperature	Not determined.
pH of soap (4% aqueous solution)	10 – 10.5
Viscosity:	Not applicable.
Solubilit(ies)	
Water soluble	Soluble.
Partition coeficient: n-octanol/water	Not determined.
Vapour pressure	Not determined.
Density and/or relative density	Not determined.
Realitive vapour density	Not applicable.
Particle characteristics	Not applicable.

9.2 Other information

No further relevant information available.

Section 10: Stability and reactivity

10.1 Reactivity

No hazardous reactions if stored at normal ambient temperatures.

10.2 Chemical stability

Under storage at normal ambient temperatures the product is stable.

10.3 Possibility of hazardous reactions

No hazardous reactions if stored at normal ambient temperatures.

10.4 Conditions to avoid

Avoid humidity, see section 7.2.

10.5 Incompatible materials to avoid

Strong oxidising agents.

10.6 Hazardous decomposition products

Does not decompose when used for intended uses.

Section 11: Toxicological information

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

Acute toxicity
Based on available data, the classification criteria are not met.

Skin corrosion/irritation
Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation
Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation
sensitising
May cause an allergic skin reaction.
2-methylisothiazol-3(2H)-one
Skin:

Germ cell mutagenicity
Based on available data, the classification criteria are not met.

Carcinogenicity
Based on available data, the classification criteria are not met.

Reproductive toxicity
Based on available data, the classification criteria are not met.

STOT-single exposure
Based on available data, the classification criteria are not met.

STOT-repeated exposure
Based on available data, the classification criteria are not met.

Aspiration hazard
Based on available data, the classification criteria are not met.

11.2 Information on other hazards

Endocrine disrupting properties.
No information available.

Section 12: Ecological information

12.1 Toxicity

Toxicity to Fish

Component	Test	Endpoint	Exposure	Result	M factor
Sodium Xylene Sulphonate	EPA OPPTS EPA OTS 797.1400	Acute LC50	96 hours static	>1000 mg/l	
Sodium Nitrite		Acute LC50 (Rainbow Trout)	96 hours	0,54 mg/l	
Sodium Sulphate		Acute LC50	96 hours	7,96 mg/l	
Sodium Hydroxide		Acute LC50 Acute LC50 (Rainbow Trout) Acute LC50 Freshwater Fish (Mosquito Fish)	96 hours 96 hours 96 hours	33-189 mg/l 45.5 mg/l 125 mg/l	
N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine		Acute LC50 (Bluegill sunfish)	96 hours	0,45 mg/l	10 (Acute aquatic toxicity)
1,2-Benzisothiazol-3(2H)-one	OECD Test Guideline 201	Acute LC50 (Rainbow Trout)	96 hours	2,18 mg/l	1 (Acute aquatic toxicity)
2-Methyl-2H-isothiazol-3-one		Acute LC50 (Rainbow Trout)	96 hours	4,77 mg/l	1 (Acute aquatic toxicity)

Toxicity to daphia and other aquatic invertebrates

Component	Test	Endpoint	Exposure	Result	M factor
Sodium Xylene Sulphonate	EPA OPPTS EPA OTS 797.1300	Acute EC50 (Freshwater Daphnids)	48 hours static	>1000 mg/l	
Sodium Nitrite		Acute EC50 Acute EC50 (Daphnia magna) Chronic NOEC (Daphnia magna)	96 hours 48 hours	4,93 mg/l 15.4 mg/l 9.86 mg/l	
Sodium Sulphate		Chronic EC50	7 days	>8.080	
Sodium Hydroxide		Acute EC50 (Daphnia magna)	48 hours	40-240 mg/l	
N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine OECD Test Guideline 211		Acute EC50 (Daphnia magna) Chronic NOEC (Daphnia magna)	48 hours 21 days	0,073 mg/l 0,024 mg/l	10 (Acute aquatic toxicity) 1 (Chronic aquatic toxicity)
1,2-Benzisothiazol-3(2H)-one	OECD Test Guideline 202	Acute EC50 (Daphnia magna)	48 hours	2,94 mg/l	1 (Acute aquatic toxicity)
2-Methyl-2H-isothiazol-3-one OECD Test Guideline 211		Acute EC50 (Daphnia magna) Chronic NOEC (marine diatom)	48 hours 21 days	0,93 - 1,9 mg/l 0,04 mg/l	1 (Acute aquatic toxicity)

Toxicity to algae

Component	Test	Endpoint	Exposure	Result	M factor
Sodium Xylene Sulphonate EPA OPPTS	EPA OPPTS EPA OTS 797.1050	Acute EbC50 (biomass) Chronic NOEC	96 hours static 96 hours static	>230 mg/l 31 mg/l	
Sodium Nitrite		Acute EC50 (green algae)	72 hours	>100 mg/l	
Sodium Sulphate		EC/LC50		1900 ml	
Sodium Hydroxide	No data available				
N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine	OECD Test Guideline 201	Acute ErC10 (green algae) Chronic NOEC (green algae)	72 hours 72 hours	0,012 mg/l 0,01 mg/l	10 (Acute aquatic toxicity) 1 (Chronic aquatic toxicity)
1,2-Benzisothiazol-3(2H)-one OECD Test Guideline 201	OECD Test Guideline 201	Acute ErC50 (green algae) Chronic NOEC (marine diatom)	72 hours 72 hours	0,11 mg/l 0,027 mg/l	1 (Acute aquatic toxicity)

2-Methyl-2H-isothiazol-3-one		Acute EC50 (green algae)	72 hours	0,158 mg/l	1 (Acute aquatic toxicity)

12.2 Persistance and degradability

Component	
Sodium Xylene Sulphonate	Readily biodegradable, according to appropriate OECD test., OECD Test Guideline 301B
Sodium Nitrite	Contains mainly inorganic substances which are not biodegrable.
Sodium Sulphate	Contains only inorganic substances which are not biodegrable.
Sodium Hydroxide	Contains only inorganic substances which are not biodegrable.
N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine	rapidly biodegradable, Biodegradation: 79 %, Exposure time: 28 d, OECD Test Guideline 301D
1,2-Benzisothiazol-3(2H)-one	Readily biodegradable, according to appropriate OECD test., OECD Test Guideline 301B
2-Methyl-2H-isothiazol-3-one	biodegradable 2-methyl-2H-isothiazol-3-one: t1/2 aerobic = 0.38 - 1.4d

12.3 Bioaccumulative degradability

Component	
Sodium Xylene Sulphonate	Partition coefficient: n-octanol/water log Pow -3,12
Sodium Nitrite	Does not bioaccumulate
Sodium Sulphate	Partition coefficient: n-octanol/water log Pow -4,38 BCF 0,5
Sodium Hydroxide	Bioaccumulation is unlikely
N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine	Bioaccumulation no data available Partition coefficient: n-octanol/water log Pow -0,7
1,2-Benzisothiazol-3(2H)-one	Partition coefficient: n-octanol/water log Pow 1,3
2-Methyl-2H-isothiazol-3-one	Partition coefficient: n-octanol/water log Pow -0,486

12.4 Mobility in soil

Component	
Sodium Xylene Sulphonate	No data available.
Sodium Nitrite	Soluble in water.
Sodium Sulphate	No data available.
Sodium Hydroxide	Soluble in water and may spread in water systems
N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine	After release, absorbs onto soil
1,2-Benzisothiazol-3(2H)-one	No data available.
2-Methyl-2H-isothiazol-3-one	No data available.

2.5 Results of PBT and vPvB assessment

The substances in the mixiture do not meet the PBT/vPvB criteria axxording to REACH, annex XIII.

2.6 Endocrine disrupting properties

No information available.

12.7 Other adverse effects

No information available.

Section 13: Disposal considerations

13.1 Waste treatment methods

Waste should not be disposed of by release into sewers.

13.1.1 Waste code according to LoW

The suitable codes for the product are 17 04 05 and 20 01 30.
Disposal should be in accordance with local, state or national legislation.

The suitable code for the packaging is 15 01 02.
Disposal should be in accordance with local, state or national legislation.

Section 14: Transport information

Land transport (ADR/RID), Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)

14.1 UN number:		Not classified as dangerous in the meaning of the transport regulations.
14.2 UN proper shipping name:		Not classified as dangerous in the meaning of the transport regulations.
14.3 Transport hazard class(es):	**Class:-**	Not classified as dangerous in the meaning of the transport regulations.
14.4 Packaging group:		Not classified as dangerous in the meaning of the transport regulations.
14.5 Environmental hazards:		Not classified as dangerous in the meaning of the transport regulations.
14.6 Special precaution for user:		Not classified as dangerous in the meaning of the transport regulations.
14.7 Martime transport in bulk according to IMO instrumants		No transport as bulk according IBC Code.

Section 15: Regulatory Information

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

Detergent Regulation 648/2004/EC	Labelling requirements in accordance with Annex VII. More than 30% Soap Less than 5% Anionic surfactant Also contains Laurylamine Dipropylenediamine, Benzisothiazolinone and Methylisothiazolinone.

15.2 Chemical Safety Assessment

Chemical Safety Assessment not required.

Section 16: Other information

Full text of H-Statements referred to under sections 2 and 3

H272	May intensify fire; oxidiser.
H290	May be corrosive to metals.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

H330	Fatal if inhaled.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure if swallowed.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
EUH208	Contains 2-Methyl-2H-isothiazol-3-one; 1,2-Benzisothiazol-3(2H)-one. May produce an allergic reaction.

CLP hazard classes

Acute Tox.	Acute toxicity
Aquatic Acute	Acute aquatic toxicity
Aquatic Chronic	Chronic aquatic toxicity
Eye Dam.	Serious eye damage
Eye Irrit.	Eye irritation
Met. Corr.	Metal corrosion
Ox. Sol.	Oxidising solid
Skin Corr.	Skin corrosion
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitisation
STOT RE	Specific target organ toxicity – repeated exposure
STOT SE	Specific target organ toxicity – single exposure

Abrreviations and acronyms:

ADR	Accord Européen Relatif au Transport International des Marchandises Dangereuses par Route (European Agreement Concerning the International Carriage of Dangerous Goods by Road; EU)
BCF	BioConcentration Factor
bw	Body weight
C	Concentration
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures.
DNEL	Derived No Effect Level
EbC50	The concentration of test substance which results in a 50 percent reduction in biomass growth relative to the control within 72hrs exposure.
EC No.	Number of a substance in either Einecs, Elincs or the NLP List.
EC	European Commision
EC50	50% of maximal Effective Concentration
ErC10	The concentration of test substance which results in a 10 percent reduction in growth rate relative to the control within 72hrs exposure.
ErC50	The concentration of test substance which results in a 50 percent reduction in growth rate relative to the control within 72hrs exposure.
Einecs	European list of those substances considered to exist in the common market between 1 January 1971 and 18 September 1981.
Elincs	European list of notified new substances.
EPA OPPTS	United States Environmental Protection Agency Office of Prevention, Pesticides and Toxic Substances. Guidelines published before April 22, 2010.
EU	European Union
EU Index Number	The identification code given to a substance in CLP Annex VI, Part 3.
EUH	European Union supplementary hazard statement to the GHS classification system
GHS	UN Globally Harmonized System of Classification and Labeling of Chemicals
IATA-DGR	International Air Transport Association - Dangerous Goods Regulation
IBC Code	International Bulk Chemical Code, which sets out the international standards for the safe carriage, in bulk by sea, of dangerous chemicals and noxious liquid substances.
ICAO-TI	International Civil Aviation Organization – Technical Instructions
IMDG	International Maritime Dangerous Goods Code
IMO	International Maritime Organisation
LC50	Lethal Concentration to 50% of a test population (Median Lethal Dose)
LD50	Lethal Dose to 50% of a test population (Median Lethal Dose)
LoW	List of Waste in accordance with the European List of Waste (Commission Decision 2000/532/EC) and Commission Regulation (EU) No 1357/2014 of 18 December 2014
M	M-factor
M-factor	Multiplying factor for substances that are highly toxic to aquatic environment

NLP	No-longer Polymers List is a European list of substances that were on the common market between 18 September 1981 and 31 October 1993 and at the time were regarded as polymers, but are no longer regarded as such.
mg/l	milligram per litre
mg/m^3	milligram per cubic metre
NOEC	No Observable Effect Level
OECD	Organisation for Economic Co-operation and Development
ppm	Parts per million
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No Effect Concentration
Pow	Octanol-water partition coefficient
SCL	Specific concentration limit
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals. Regulation (EC) No 1907/2006 concerning chemicals manufactured in or imported into the European Union.
REACH No.	REACH registration number, without supplier specific part.
RID	Règlement concernant le transport international ferroviaire des marchandises dangereuses. Regulation concerning the International Carriage of Dangerous Goods by Rail
UN	United Nations
vPvB	Very Persistent and very Bioaccumulative

Document changes compared with the previous version

- Add Product Codes 200204 to section 1.1
-