

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

Product form : Mixture
Trade name : BLUE WONDER ALL PURPOSE CLEANER
UFI : 1E1F-MVSA-NW00-K4S8
Product code : 4214
Article number : 753
EAN : 8717097000753
Type of product : Detergent
Product group : Blend

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

Intended for general public
Main use category : Consumer use
Use of the substance/mixture : All-purpose cleaner
Function or use category : Cleaning/washing agents and additives

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Blue Wonder
P.J. Oudweg 41
NL-1332 EJ Almere - Netherlands
T +31 (0)36 54 94 700
info@bluewonder.com - www.bluewonder.com

1.4. Emergency telephone number

Emergency number : +31 (0)36 54 94 700
During office hours

Country	Organisation/Company	Address	Emergency number	Comment
Netherlands	Nationaal Vergiftigingen Informatie Centrum	Postbus 85500 (B.00.118) 3508 GA Utrecht	+31 88 755 8000	Only for the purpose of informing medical personnel in cases of acute intoxications

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Corrosive to metals Not classified
Skin corrosion/irritation, Category 2 H315
Serious eye damage/eye irritation, Category 2 H319
Skin sensitisation, Category 1 H317
Full text of H-statements: see section 16

2.2. Label elements**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning

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Hazardous ingredients	: Methylisothiazolinone
Hazard statements (CLP)	: H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation.
Precautionary statements (CLP)	: P102 - Keep out of reach of children. P280 - Wear protective gloves/eye protection. P302+P352 - IF ON SKIN: Wash with plenty of water. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention. P501 - Dispose of contents/container to approved disposal company or local collection..

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	Conc. (% w/w)	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Alcohols, C9-11, ethoxylated	(CAS-No.) 68439-46-3 (REACH-no) Exempted, Polymer	≥ 1 – < 5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
2-butoxyethanol substance with a Community workplace exposure limit	(CAS-No.) 111-76-2 (EC-No.) 203-905-0 (EC Index-No.) 603-014-00-0 (REACH-no) 01-2119475108-36	≥ 1 – < 5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319
Triethanolamine dodecylbenzenesulfonate	(CAS-No.) 27323-41-7 (EC-No.) 248-406-9	≥ 1 – < 5	Skin Corr. 1C, H314 Eye Dam. 1, H318 Aquatic Chronic 3, H412
2-Methylisothiazol-3(2H)-one	(CAS-No.) 2682-20-4 (EC-No.) 220-239-6 (EC Index-No.) 613-326-00-9 (REACH-no) 01-2120764690-50	< 0,1	Acute Tox. 2 (Inhalation), H330 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Oral), H301 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410

Specific concentration limits:

Name	Product identifier	Specific concentration limits
2-Methylisothiazol-3(2H)-one	(CAS-No.) 2682-20-4 (EC-No.) 220-239-6 (EC Index-No.) 613-326-00-9 (REACH-no) 01-2120764690-50	(0,0015 ≤C ≤ 100) Skin Sens. 1A, H317

Full text of (EU)H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: In case of any doubt or when irritation occurs or persists seek medical advice. If medical advice is needed, have product container or label at hand.
First-aid measures after inhalation	: If experiencing respiratory symptoms: Allow affected person to breathe fresh air.

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First-aid measures after skin contact	: Wash skin with mild soap and water.
First-aid measures after eye contact	: In case of eye contact, immediately rinse with clean water for 10-15 minutes. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Give water to drink. Seek medical advice immediately and show this container or label.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation	: None under normal use.
Symptoms/effects after skin contact	: Causes skin irritation. Redness.
Symptoms/effects after eye contact	: Causes serious eye irritation. Redness.
Symptoms/effects after ingestion	: May cause irritation of the linings of the mouth, throat, and gastrointestinal tract.

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

In case of any doubt or when irritation occurs or persists seek medical advice.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: All known extinguishants can be used.
Unsuitable extinguishing media	: None to our knowledge.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: The product itself does not maintain combustion.
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5.3. Advice for firefighters

Protection during firefighting	: Use fire fighting measures that suit the environment.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Material spilled on hard surface can present a serious slipping/falling hazard.
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6.1.1. For non-emergency personnel

Protective equipment	: Protective gloves. eye protection.
Emergency procedures	: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment	: Protective gloves. eye protection.
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6.2. Environmental precautions

Measures for environmental protection	: Prevent entry to sewers and public waters.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Pick up as much as possible of the spilled product. Store picked-up material in a drum. Wash non-recoverable remainder with large amounts of water.
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6.4. Reference to other sections

Reference to other sections	: Personal precautions: Refer to section 8. Handling and storage: Refer to section 7. Waste disposal recommendations: Refer to section 13. Emergency contact information: Refer to section 1.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Normal precautions for the use of chemicals and cleaners should be taken care of.
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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed. Protect from freezing.

7.3. Specific end use(s)

Specific end use(s) : When the product is used as directed in Section 1.2 under normal conditions, no specific measures are required. The necessary measures can be found in Section 7.1 and 7.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional information : The product itself is not tested on occupational exposure limits, but if the product contains substances with occupational exposure limits these are listed here. No listing means that the product does not contain any substances with occupational exposure limits.

2-butoxyethanol (111-76-2)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	2-Butoxyethanol
IOEL TWA	98 mg/m ³
IOEL TWA [ppm]	20 ppm
IOEL STEL	246 mg/m ³
IOEL STEL [ppm]	50 ppm
Notes	Skin
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC
Netherlands - Occupational Exposure Limits	
Local name	2-Butoxyethanol
TGG-8u (OEL TWA)	100 mg/m ³
TGG-8u (OEL TWA) [ppm]	20 ppm
TGG-15min (OEL STEL)	246 mg/m ³
TGG-15min (OEL STEL) [ppm]	50 ppm
Remark (MAC)	H (Huidopname) Stoffen die relatief gemakkelijk door de huid kunnen worden opgenomen, hetgeen een substantiële bijdrage kan betekenen aan de totale inwendige blootstelling, hebben in de lijst een H-aanduiding. Bij deze stoffen moeten naast maatregelen tegen inademing ook adequate maatregelen ter voorkoming van huidcontact worden genomen.
Regulatory reference	Arbeidsomstandighedenregeling 2021

2-butoxyethanol (111-76-2)	
DNEL/DMEL (Workers)	
Acute - systemic effects, dermal	89 mg/kg bodyweight/day
Acute - systemic effects, inhalation	1091 mg/m ³
Long-term - systemic effects, dermal	125 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	98 mg/m ³
Long-term - local effects, inhalation	246 mg/m ³
DNEL/DMEL (General population)	
Acute - systemic effects, dermal	89 mg/kg bodyweight
Acute - systemic effects, inhalation	426 mg/m ³
Acute - systemic effects, oral	26,7 mg/kg bodyweight
Long-term - systemic effects, oral	6,3 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	59 mg/m ³
Long-term - systemic effects, dermal	75 mg/kg bodyweight/day
Long-term - local effects, inhalation	147 mg/m ³
PNEC (Water)	
PNEC aqua (freshwater)	8,8 mg/l
PNEC aqua (marine water)	0,88 mg/l

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PNEC aqua (intermittent, freshwater)	26,4 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	34,6 mg/kg dwt
PNEC sediment (marine water)	3,46 mg/kg dwt
PNEC (Soil)	
PNEC soil	2,33 mg/kg dwt
PNEC (Oral)	
PNEC oral (secondary poisoning)	20 mg/kg food
PNEC (STP)	
PNEC sewage treatment plant	463 mg/l

2-Methylisothiazol-3(2H)-one (2682-20-4)

PNEC (Water)	
PNEC aqua (freshwater)	0,00339 mg/l
PNEC aqua (marine water)	0,00339 mg/l
PNEC aqua (intermittent, freshwater)	0,00339 mg/l
PNEC aqua (intermittent, marine water)	0,00339 mg/l
PNEC (Soil)	
PNEC soil	0,0471 mg/kg dwt
PNEC (Oral)	
PNEC oral (secondary poisoning)	No potential for bioaccumulation
PNEC (STP)	
PNEC sewage treatment plant	0,23 mg/l

8.2. Exposure controls

General information

Do not eat, drink or smoke when using this product. Avoid contact with skin and eyes.

Hand protection:

Wear protective gloves during use. Training of the worker in relation to proper use and maintenance of personal protective equipment must be ensured.

- Long-term or submersion protection
For long-term or submersion protection use Nitrile gloves with a thickness of at least 0.31 mm (thickness dependant on glove type and quality) for a breakthrough time of up to 480 minutes, approved according to standard EN 374:2003.
- Short-term (≤ 30 min) or splash protection
For short-term (≤ 30 min) or splash protection use Nitrile gloves with a thickness of at least 0.12 mm (thickness dependant on glove type and quality) for a breakthrough time of at least 30 min, approved according to standard EN 374:2003.

IMPORTANT NOTICE: To ensure safe use the following needs to be taken into account to choose suitable protective gloves:

- The simultaneous use of other chemical products;
- Necessary protection against physical hazards like cutting, piercing or thermal hazards; and
- Instructions and/or specifications supplied by the glove manufacturer.

Eye protection:

Wear eye protection.

Respiratory protection:

When making normal use of the product not necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

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Colour	: Blue.
Appearance	: Aqueous solution.
Odour	: citrus-like.
Odour threshold	: Not applicable
Freezing point	: ± -4 °C
Boiling point	: ± 96 °C
Flammability	: The product itself does not maintain combustion.
Explosive limits	: The product itself is not tested on explosion limits. For components see Section 9.2.
Flash point	: > 70 °C The product is not flammable according to Regulation (EC) No. 1272/2008, 2.6.4.5
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not applicable
pH	: 9,5 – 10,5
Viscosity, kinematic	: ± 10 mm ² /s
Viscosity, dynamic	: < 10 mPa.s
Solubility	: Water: completely soluble
Partition coefficient n-octanol/water [log Pow]	: -1,04 (calculated value)
Vapour pressure	: 23,4 hPa
Density	: $\pm 1,012$ g/cm ³
Relative density	: 1,012
Relative vapour density at 20 °C	: Not applicable
Particle characteristics	: Not applicable, product is a liquid

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Oxidising properties	: The product itself does not maintain combustion.
Explosive properties	: Product is not explosive.

9.2.2. Other safety characteristics

Relative evaporation rate (butylacetate=1)	: ≤ 1
VOC content	: < 30 %
Upper / lower explosion limit values	: 2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve: 10.6 % / 1.1%

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal conditions.

10.4. Conditions to avoid

None under normal conditions.

10.5. Incompatible materials

None under normal conditions.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11: Toxicological information

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

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

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BLUE WONDER ALL PURPOSE CLEANER	
Additional information	With the product as such no toxicological tests have been done. According to the criteria of 3.1.3 from (EC) 1272/2008 this product is not toxic. Components that are toxic are mentioned below.

2-butoxyethanol (111-76-2)	
LD50 dermal rat	> 2000 mg/kg

Skin corrosion/irritation	: Causes skin irritation. pH: 9,5 – 10,5
Serious eye damage/irritation	: Causes serious eye irritation. pH: 9,5 – 10,5
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

2-butoxyethanol (111-76-2)	
LOAEL (oral, rat, 90 days)	69 mg/kg bodyweight/day Target organ(s): liver. Based on available data, the classification criteria are not met (Published data)
LOAEC (inhalation, rat,dust/mist/fume, 90 days)	0,152 mg/l Based on available data, the classification criteria are not met
NOAEL (dermal, rat/rabbit, 90 days)	> 150 mg/kg bodyweight/day Based on available data, the classification criteria are not met (Published data)

Aspiration hazard : Not classified

BLUE WONDER ALL PURPOSE CLEANER	
Viscosity, kinematic	± 10 mm ² /s

11.2. Information on other hazards

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

BLUE WONDER ALL PURPOSE CLEANER	
Additional information	With the product as such no ecological tests have been done. According to the criteria of 4.1.3 from (EC) 1272/2008 this product is not dangerous for the environment. Components that are dangerous to the environment are mentioned below.

Alcohols, C9-11, ethoxylated (68439-46-3)	
LC50 fish (96 h)	5 – 7 mg/l
EC50 Daphnia magna (48 h)	5,3 mg/l
ErC50 (algae)	1,4 – 4,7 mg/l

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2-butoxyethanol (111-76-2)	
LC50 fish (96 h)	1474 mg/l
EC50 Daphnia magna (48 h)	1550 mg/l
EC50 algae [72h]	911 mg/l
NOEC chronic fish	> 100 mg/l
NOEC chronic crustacea	100 mg/l

2-Methylisothiazol-3(2H)-one (2682-20-4)	
LC50 fish (96 h)	4,77 mg/l
EC50 Daphnia magna (48 h)	0,934 mg/l
EC50 algae [72h]	0,0725 mg/l
NOEC chronic fish	4,93 mg/l
NOEC chronic crustacea	0,0442 mg/l
NOEC chronic algae	0,0725 mg/l

12.2. Persistence and degradability

BLUE WONDER ALL PURPOSE CLEANER	
Persistence and degradability	The surfactant(s) contained in this preparation complies(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.

Alcohols, C9-11, ethoxylated (68439-46-3)	
Biodegradation	Readily biodegradable

2-butoxyethanol (111-76-2)	
Biodegradation	Readily biodegradable

12.3. Bioaccumulative potential

BLUE WONDER ALL PURPOSE CLEANER	
Partition coefficient n-octanol/water [log Pow]	-1,04 (calculated value)

Alcohols, C9-11, ethoxylated (68439-46-3)	
Partition coefficient n-octanol/water [log Pow]	3,3 – 4,8

2-butoxyethanol (111-76-2)	
Partition coefficient n-octanol/water [log Pow]	0,81

2-Methylisothiazol-3(2H)-one (2682-20-4)	
BCF fish 1	3,16 (calculated value)
Partition coefficient n-octanol/water [log Pow]	-0,32 (OECD 117 method)

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

BLUE WONDER ALL PURPOSE CLEANER	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

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Component	
Alcohols, C9-11, ethoxylated (68439-46-3)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
2-butoxyethanol (111-76-2)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
2-Methylisothiazol-3(2H)-one (2682-20-4)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Endocrine disrupting properties

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

- Product/Packaging disposal recommendations : Pick up as much as possible of the spilled product. Store picked-up material in a drum. Dispose of in accordance with relevant local regulations. Wash non-recoverable remainder with large amounts of water.
- Additional information : Rinse the empty bottle. Then bottle can be disposed of with the normal domestic waste.
- Ecology - waste materials : Use appropriate container to avoid environmental contamination. Dispose of in accordance with relevant local regulations.
- European List of Waste (LoW) code : 20 01 29* - detergents containing dangerous substances

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

14.6. Special precautions for user

Overland transport	Not regulated
Transport by sea	Not regulated
Air transport	Not regulated
Inland waterway transport	Not regulated
Rail transport	Not regulated

14.7. Maritime transport in bulk according to IMO instruments

IBC code : Not applicable. This product is not intended to be carried in bulk tankers.

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SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:	
Reference code	Applicable on
3(b)	BLUE WONDER ALL PURPOSE CLEANER ; Triethanolamine dodecylbenzenesulfonate ; Alcohols, C9-11, ethoxylated ; 2-butoxyethanol
3(c)	Triethanolamine dodecylbenzenesulfonate

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Regulation (EU) No 649/2012 concerning the export and import of hazardous chemicals

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Regulation (EU) No 2019/1021 on persistent organic pollutants

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products (Biocidal Products Regulation - BPR)

Product is considered as a treated article under the regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products and contains the following preservative(s):

BENZISOTHIAZOLINONE, METHYLISOTHIAZOLINONE

Directive 2010/75/EU on industrial emissions (integrated pollution prevention and control)

VOC content : < 30 %

Regulation (EC) No 648/2004 on detergents (Detergent Regulation)

Labelling of contents	
Component	%
anionic surfactants, non-ionic surfactants	<5%
BENZISOTHIAZOLINONE	
METHYLISOTHIAZOLINONE	
Perfumes	
LIMONENE	

15.1.2. National regulations

Netherlands

ABM category : B(4) - low hazard for aquatic organisms
SZW-lijst van kankerverwekkende stoffen : None of the components are listed
SZW-lijst van mutagene stoffen : None of the components are listed
SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed
SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

For the following substances of this mixture a chemical safety assessment has been carried out:
2-butoxyethanol

SECTION 16: Other information

Indication of changes:			
Section	Changed item	Change	Comments
1.3	Company	Modified	Address Information

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Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BPR	Biocidal Products Regulation, Regulation (EU) No 528/2012
CAS-No.	Number of the chemical substance in the Register of Chemical Abstracts Service
CLP	Classification Labelling Packaging; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level.
EC50	Median effective concentration: The effective concentration of substance that causes 50% of the maximum response.
EC-No.	Official identification number of the substance within the European Union
IATA	International Air Transport Association.
IBC-code	International Bulk Chemical Code, the International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.
ICAO	International Civil Aviation Organization (International Civil Aviation Organization).
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
LC50	Median lethal concentration
LD50	Median lethal dose
MAC	Maximum Allowable Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent Bioaccumulative Toxic.
PNEC	Predicted No-Effect Concentration.
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
UN	United Nations
VOC	Volatile Organic Compounds
WGK	Water Hazard Class
vPvB	Very Persistent and Very Bioaccumulative

Data sources	
BPR	Regulation (EC) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products.
CLP	REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
COSING	CosIng - http://ec.europa.eu/growth/tools-databases/cosing/
ECHA	ECHA (European Chemicals Agency) - https://echa.europa.eu/nl/home
GESTIS	GESTIS Substance Database - http://gestis-en.itrust.de/nxt/gateway.dll/gestis_en/000000.xml?f=templates\$fn=default.htm\$vid=gestiseng:sdbeng\$3.0
SER	The Social and Economic Council of the Netherlands (SER) - http://www.ser.nl
SDS	Safety Data Sheet Manufacturer/Supplier Raw material

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008:		
Met. Corr. Not classified		Calculation method
Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method

BLUE WONDER ALL PURPOSE CLEANER

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Skin Sens. 1	H317	Calculation method
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Full text of H- and EUH-statements:	
Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Met. Corr. Not classified	Corrosive to metals Not classified
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1A	Skin sensitisation, category 1A
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H312	Harmful 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.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

SDS EU (REACH Annex II)

The information given in this SDS relates to the product mentioned in section 1 and is provided on the assumption that the product will be used in the manner and for the purposes indicated by the manufacturer. The data given here is based on current knowledge and experience and if necessary regularly revised. It is the responsibility of the user to carry out the mentioned precautions and to ensure that this information is complete and sufficient for the use of this product. It is recommended to inform staff / people concerned about the information in this safety data sheet, if necessary in modified form. The data does not signify any warranty with regard to the products' properties.