

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830



Article No.: 203200027
Print date: 24.05.2018
Version: 10-0

BLUE WONDER Lime-scale/Chalk cleaner Spray
Revision date: 18.05.2018
Issue date: 18.05.2018

110000 EN
Page 1 / 7

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

1.1. Relevant identified uses of the substance or mixture and uses advised against

Article No. (manufacturer/supplier): 203200027
Identification of the substance or mixture: BLUE WONDER Lime-scale/Chalk cleaner Spray
EAN8712038001813

1.2. Details of the supplier of the safety data sheet

Relevant identified uses

for cleaning

Uses advised against

There is no information available for use is discouraged facing.

1.3. Details of the supplier of the safety data sheet

supplier (manufacturer/importer/downstream user/distributor)

Blue Wonder
Aerdenhoutsduinweg 1 Telephone: +031(0) 251-315683
NL-2111 AN Aerdenhout Telefax: +31(0) 251-311197
The Netherlands E-mail info@bluewonder.nl

Dept. responsible for information:

Blue Wonder +031(0) 251-315683
E-mail (competent person): info@bluewonder.nl

1.4. Emergency telephone number

National Poison phone number Information
Centrum (NVIC): +31 30-2748888
Exclusively intended for healthcare professionals in acute poisoning.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Eye Irrit. 2 / H319 Serious eye damage/eye irritation Causes serious eye irritation.

2.2. Label elements

The product is classified and labelled according to EC directives or corresponding national laws.

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Warning

Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P264 Wash hands thoroughly after handling.
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.

contains:

Linalool

Supplemental Hazard information (EU)

not applicable

2.3. Other hazards

SECTION 3: Composition / information on ingredients

3.1. Substances

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830



Article No.: 203200027
Print date: 24.05.2018
Version: 10-0

BLUE WONDER Lime-scale/Chalk cleaner Spray
Revision date: 18.05.2018
Issue date: 18.05.2018

110000 EN
Page 2 / 7

Not applicable.

3.2. **Mixtures**

Product description / chemical characterization

Description Cleaning agent, acidic

Hazardous ingredients

Classification according to Regulation (EC) No 1272/2008 [CLP]

EC No. CAS No. INDEX No.	REACH No. Chemical name classification: // Remark	Wt %
231-633-2 7664-38-2 015-011-00-6	phosphoric acid, orthophosphoric acid Skin Corr. 1B H314	2,5 - 5
252-104-2 34590-94-8	01-2119450011-60 Dipropylenglykolmethylether Substance with a common (EC) occupational exposure limit value.	0,5 - 1
68439-45-2	fatty alcohol ethoxylate Acute Tox. 4 H302 / Eye Dam. 1 H318	0,5 - 1

Additional information

Full text of classification: see section 16

Hazardous ingredients

Labelling for contents according to regulation (EC) No. 648/2004:

Wt %	Ingredient (Designation)
< 5 %	nonionic surfactants
< 5 %	phosphates
< 5 %	anionic surfactants
	perfumes

SECTION 4: First aid measures

4.1. **Description of first aid measures**

General information

Take off immediately all contaminated clothing. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice. In all cases of doubt, or when symptoms persist, seek medical advice.

In case of inhalation

Remove casualty to fresh air and keep warm and at rest. Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

Following skin contact

Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.

After eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Keep victim calm. Do NOT induce vomiting. Call a physician immediately. If medical advice is needed, have product container or label at hand.

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

In all cases of doubt, or when symptoms persist, seek medical advice.

4.3. **Mammalian cells (with metabolic activation)**

No data available

SECTION 5: Firefighting measures

5.1. **Extinguishing media**

Suitable extinguishing media:

Extinguishing powder, Carbon dioxide (CO₂), spray mist, (water)

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830



Article No.: 203200027
Print date: 24.05.2018
Version: 10-0

BLUE WONDER Lime-scale/Chalk cleaner Spray
Revision date: 18.05.2018
Issue date: 18.05.2018

110000 EN
Page 3 / 7

Extinguishing media which must not be used for safety reasons:

strong water jet

5.2. Special hazards arising from the substance or mixture

Inhaling hazardous decomposing products can cause serious health damage.

5.3. Advice for firefighters

Wear suitable protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protection equipment. Do not breathe vapours. See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

6.3. Methods and material for containment and cleaning up

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13). Treat the recovered material as prescribed in the section on waste disposal. Provide adequate ventilation.

6.4. Reference to other sections

Observe protective provisions (see section 7 and 8).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advices on safe handling

Precautions against fire and explosion:

non-combustible liquids that cannot be assigned to any of the above storage classes

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7. Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

Hints on joint storage

Keep away from strongly acidic and alkaline materials as well as oxidizers.

Further information on storage conditions

Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 20 °C and 20 °C. Protect from heat and direct sunlight. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

7.3. Specific end use(s)

Observe technical data sheet. Observe instructions for use, Notice the directions for use on the label.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values:

phosphoric acid, orthophosphoric acid

INDEX No. 015-011-00-6 / EC No. 231-633-2 / CAS No. 7664-38-2

WEL, TWA: 1 mg/m³

WEL, STEL: 2 mg/m³

Dipropylenglykolmethylether

EC No. 252-104-2 / CAS No. 34590-94-8

WEL, TWA: 308 mg/m³; 50 ppm

Additional information

TWA : long-term occupational exposure limit value

STEL : short-term occupational exposure limit value

Ceiling : peak limitation

8.2. Exposure controls

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830



Article No.: 203200027
Print date: 24.05.2018
Version: 10-0

BLUE WONDER Lime-scale/Chalk cleaner Spray
Revision date: 18.05.2018
Issue date: 18.05.2018

110000 EN
Page 4 / 7

Provide good ventilation. This can be achieved with local or room suction.

Occupational exposure controls

Respiratory protection

Not applicable.

Hand protection

For prolonged or repeated handling the following glove material must be used: NBR (Nitrile rubber)

Thickness of the glove material 0,4 mm Breakthrough time (maximum wearing time) 30 min

Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin: Recommended glove articles DIN EN 374

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

Eye protection

Wear closely fitting protective glasses in case of splashes.

Protective clothing

Wear suitable protective clothing and gloves.

Protective measures

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

Environmental exposure controls

Do not allow to enter into surface water or drains. See chapter 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:

Physical state:

Liquid

Colour:

refer to label

Odour:

characteristic

Odour threshold:

not determined

pH at20 °C:

1,4

Melting point/freezing point:

not determined

Initial boiling point and boiling range:

not determined

Flash point:

not applicable

Method: DIN 53213-1 (08/2002: replaced by EN ISO 1523)

Evaporation rate:

not determined

Flammability (solid, gas):

Burning time (s):

not determined

Upper/lower flammability or explosive limits:

Lower explosion limit:

not determined

Upper explosion limit:

not determined

Vapour pressure at20 °C:

not determined

Vapour density:

not determined

Relative density:

Density at20 °C:

1,01 g/cm³

Method: ISO 2811, part 1

Solubility(ies):

Water solubility (g/L) at20 °C:

completely miscible

Partition coefficient: n-octanol/water:

see section 12

Auto-ignition temperature:

not determined

Decomposition temperature:

not determined

Viscosity at20 °C:

> 12 s 4 mm

Method: DIN 53211

Explosive properties:

not applicable

Oxidising properties:

not applicable

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830



Article No.: 203200027
Print date: 24.05.2018
Version: 10-0

BLUE WONDER Lime-scale/Chalk cleaner Spray
Revision date: 18.05.2018
Issue date: 18.05.2018

110000 EN
Page 5 / 7

9.2. **Other information**

Solid content (%): 3,77 Wt %
solvent content:
Organic solvents: 1 Wt %
Water: 91 Wt %

SECTION 10: Stability and reactivity

10.1. **Reactivity**

No data available

10.2. **Chemical stability**

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

10.3. **Possibility of hazardous reactions**

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

10.4. **Conditions to avoid**

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7. Hazardous decomposition byproducts may form with exposure to high temperatures.

10.5. **Incompatible materials**

No data available

10.6. **Hazardous decomposition products**

none

SECTION 11: Toxicological information

Classification according to Regulation (EC) No 1272/2008 [CLP]

No data on preparation itself available.

11.1. **Information on toxicological effects**

Acute toxicity

Toxicological data are not available.

skin corrosion/irritation; Serious eye damage/eye irritation

Toxicological data are not available.

Respiratory or skin sensitisation

Toxicological data are not available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Toxicological data are not available.

Specific target organ toxicity

Toxicological data are not available.

Aspiration hazard

Toxicological data are not available.

Practical experience/human evidence

Other observations:

Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: headache, dizziness, fatigue, amyosthenia, drowsiness, in serious cases: unconsciousness. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

Overall Assessment on CMR properties

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

SECTION 12: Ecological information

overall evaluation

Classification according to Regulation (EC) No 1272/2008 [CLP]

There is no information available on the preparation itself .

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830



Article No.: 203200027
Print date: 24.05.2018
Version: 10-0

BLUE WONDER Lime-scale/Chalk cleaner Spray
Revision date: 18.05.2018
Issue date: 18.05.2018

110000 EN
Page 6 / 7

Do not allow to enter into surface water or drains.

12.1. Toxicity

No information available.

Long-term Ecotoxicity

Toxicological data are not available.

12.2. Persistence and degradability

Toxicological data are not available.

12.3. Bioaccumulative potential

Toxicological data are not available.

Bioconcentration factor (BCF)

Toxicological data are not available.

12.4. Mobility in soil

Toxicological data are not available.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate disposal / Product Recommendation

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

List of proposed waste codes/waste designations in accordance with EWC

200129 Detergents containing hazardous substances

packaging

Recommendation

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

SECTION 14: Transport information

14.1. UN number

not applicable

14.2. UN proper shipping name

14.3. Transport hazard class(es)

not applicable

14.4. Packing group

not applicable

14.5. Environmental hazards

Land transport (ADR/RID)

not applicable

Marine pollutant

not applicable

14.6. Special precautions for user

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

Further information

Land transport (ADR/RID)

tunnel restriction code

-

Sea transport (IMDG)

EmS-No.

not applicable

Air transport (ICAO-TI / IATA-DGR)

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830



Article No.: 203200027
Print date: 24.05.2018
Version: 10-0

BLUE WONDER Lime-scale/Chalk cleaner Spray
Revision date: 18.05.2018
Issue date: 18.05.2018

110000 EN
Page 7 / 7

Further information:

Not sustaining combustion: 0

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

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

EU legislation

Regulation (EC) No. 648/2004 (Detergents regulation)

Directive 2010/75/EU on industrial emissions

VOC-value (in g/L): 37

National regulations

Restrictions of occupation

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Other information

Acid-/Alkali reserve (buffer capacity for mixtures with extreme pH values)

15.2. Chemical Safety Assessment

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

EC No. CAS No.	Chemical name	REACH No.
252-104-2 34590-94-8	Dipropylenglykolmethylether	01-2119450011-60

SECTION 16: Other information

Full text of classification in section 3:

Skin Corr. 1B / H314

skin corrosion/irritation

Causes severe skin burns and eye damage.

Acute Tox. 4 / H302

Acute toxicity (oral)

Harmful if swallowed.

Eye Dam. 1 / H318

Serious eye damage/eye irritation

Causes serious eye damage.

Further information

Classification according to Regulation (EC) No 1272/2008 [CLP]

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.