

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 7 Mar 2023

Print date: 15 Feb 2024

Version: 3

Page 1/12



Aqua Clean Blue 25l

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

1.1. Product identifier

Trade name/designation:

Aqua Clean Blue 25l

Article No.:

T121025

UFI:

90SH-C3JQ-632H-RY3D

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

Use of the substance/mixture:

All-purpose cleaner without abrasives

1.3. Details of the supplier of the safety data sheet

Supplier:

KANDO Service GmbH

Hartleitnerstraße 3

4653 Eberstalzell

Austria

Telephone: +43 (0) 7241 213 79

E-mail: msds@kando.eu

1.4. Emergency telephone number

Vergiftungsinformationszentrale (VIZ), Stubenring 6, 1010 Wien, 24h: 01 406 43 43, Montag - Freitag: 8 bis 16 Uhr, Tel.: 01 406 68 98 (keine medizinische Auskunft) (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

| Hazard classes and hazard categories | Hazard statements | Classification procedure |
|--|--|--------------------------|
| Skin corrosion/irritation (<i>Skin Corr. 1B</i>) | H314: Causes severe skin burns and eye damage. | |

Additional information:

The product is not self-sustainingly combustible. Despite a flash point < 60 °C, classification as flammable is therefore not applicable.

2.2. Label elements

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

Hazard pictograms:



GHS05

Corrosion

Signal word: Danger

Hazard components for labelling:

disodium metasilicate

| Hazard statements for health hazards | |
|--------------------------------------|--|
| H314 | Causes severe skin burns and eye damage. |

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 7 Mar 2023

Print date: 15 Feb 2024

Version: 3

Page 2/12



Aqua Clean Blue 25l

Supplemental hazard information: none

| Precautionary statements Prevention | |
|-------------------------------------|--|
| P280 | Wear protective gloves/protective clothing and eye protection/face protection. |
| Precautionary statements Response | |
| P301 + P330 + P331 | IF SWALLOWED: rinse mouth. Do NOT induce vomiting. |
| P303 + P361 + P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310 | Immediately call a POISON CENTER. |

2.3. Other hazards

Other adverse effects:

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII. The inhalation of dust/mist or aerosols causes irritation of the respiratory tract.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

| Product identifiers | Substance name Classification according to Regulation (EC) No 1272/2008 [CLP] | Concentration |
|--|--|-------------------|
| CAS No.: 67-63-0 EC No.: 200-661-7 REACH No.: 01-2119457558-25 | propan-2-ol The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP]. | 5 - < 10 Vol-% |
| CAS No.: 112-34-5 EC No.: 203-961-6 REACH No.: 01-2119475104-44 | 2-(2-butoxyethoxy)ethanol Substance with a community workplace exposure limit. | 1 - < 5 Vol-% |
| CAS No.: 6834-92-0 EC No.: 229-912-9 Index No.: 014-010-00-8 REACH No.: 01-2119449811-37 | disodium metasilicate Met. Corr. 1 (H290), STOT SE 3 (H335), Skin Corr. 1B (H314) | 1 - < 5 Vol-% |
| CAS No.: 68439-50-9 | Alkyl polyethoxilate Acute Tox. 4 (H302), Aquatic Chronic 3 (H412), Eye Dam. 1 (H318) | 1 - < 5 Vol-% |
| | Nonionic surfactants The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP]. | < 5 Vol-% |

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

Remove contaminated, saturated clothing immediately.

Following inhalation:

Provide fresh air.

In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap.

Take off contaminated clothing and wash it before reuse.

After eye contact:

Rinse immediately carefully and thoroughly with eye-bath or water.

Following ingestion:

Rinse mouth immediately and drink 1 glass of water.

Do NOT induce vomiting.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 7 Mar 2023

Print date: 15 Feb 2024

Version: 3

Page 3/12



Aqua Clean Blue 25l

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

No information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water spray jet, alcohol resistant foam, Carbon dioxide, Extinguishing powder

Unsuitable extinguishing media:

Full water jet

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products:

Carbon dioxide, Carbon monoxide

5.3. Advice for firefighters

Co-ordinate fire-fighting measures to the fire surroundings.

5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

General information:

Use personal protection equipment.

Avoid contact with skin, eyes and clothes.

Emergency procedures:

Ventilate affected area.

6.1.2. For emergency responders

Personal protection equipment:

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment and cleaning up

For containment:

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

For cleaning up:

Treat the recovered material as prescribed in the section on waste disposal.

Other information:

Collect in closed and suitable containers for disposal. Ventilate affected area.

6.4. Reference to other sections

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Avoid contact with skin, eyes and clothes.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 7 Mar 2023

Print date: 15 Feb 2024

Version: 3

Page 4/12



Aqua Clean Blue 25l

Do not mix with other chemicals.
Use personal protection equipment.
When using do not eat, drink, smoke, sniff.
Do not breathe gas/fumes/vapour/spray.
Use only in well-ventilated areas.

Fire prevent measures:

No special fire protection measures are necessary.

Advices on general occupational hygiene

Take off contaminated clothing.
Wash hands before breaks and after work.
When using do not eat, drink, smoke, sniff.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels:

Keep container tightly closed.

Hints on storage assembly:

No special measures are necessary.

Storage class (TRGS 510, Germany): 8B - Non-combustible corrosive substances

7.3. Specific end use(s)

Recommendation:

Cleaning agent

Industrial sector specific solutions:

Stripper, corrosive, solvent-based

GISCODE:

GG80

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

| Limit value type (country of origin) | Substance name | ① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark |
|--------------------------------------|--|--|
| MAK (AT) | propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7 | ② 800 ppm (2,000 mg/m ³) ⑤ (max. 4x15 min./Schicht) |
| MAK (AT) | propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7 | ① 200 ppm (500 mg/m ³) |
| MAK (AT) from 11 Sept 2007 | 2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6 | ② 15 ppm (101.2 mg/m ³) ⑤ (max. 4x15 min./Schicht) |
| IOELV (EU) | 2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6 | ① 10 ppm (67.5 mg/m ³) ② 15 ppm (101.2 mg/m ³) |
| MAK (AT) from 11 Sept 2007 | 2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6 | ① 10 ppm (67.5 mg/m ³) |

8.1.2. Biological limit values

No data available

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 7 Mar 2023

Print date: 15 Feb 2024

Version: 3



Page 5/12

Aqua Clean Blue 25l

8.1.3. DNEL-/PNEC-values

| Substance name | DNEL value | ① DNEL type ② Exposure route |
|--|-------------------------|---|
| propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7 | 500 mg/m ³ | ① DNEL worker ② Long-term - inhalation, systemic effects |
| propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7 | 89 mg/m ³ | ① DNEL Consumer ② Long-term - inhalation, systemic effects |
| propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7 | 888 mg/kg bw/ day | ① DNEL worker ② Long-term - dermal, systemic effects |
| propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7 | 319 mg/kg bw/ day | ① DNEL Consumer ② Long-term - dermal, systemic effects |
| propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7 | 26 mg/kg bw/ day | ① DNEL Consumer ② Long-term - oral, systemic effects |
| 2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6 | 40.5 mg/m ³ | ① DNEL Consumer ② Long-term - inhalation, systemic effects |
| 2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6 | 67.5 mg/m ³ | ① DNEL worker ② Long-term - inhalation, local effects |
| 2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6 | 40.5 mg/m ³ | ① DNEL Consumer ② Long-term - inhalation, local effects |
| 2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6 | 101.2 mg/m ³ | ① DNEL worker ② Acute - inhalation, local effects |
| 2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6 | 60.7 mg/m ³ | ① DNEL Consumer ② Acute - inhalation, local effects |
| 2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6 | 83 mg/kg bw/ day | ① DNEL worker ② Long-term - dermal, systemic effects |
| 2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6 | 50 mg/kg bw/ day | ① DNEL Consumer ② Long-term - dermal, systemic effects |
| 2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6 | 6.25 mg/kg | ① DNEL Consumer ② Long-term - oral, systemic effects |
| 2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6 | 5 mg/kg bw/ day | ① DNEL Consumer ② Long-term - oral, systemic effects |

| Substance name | PNEC Value | ① PNEC type |
|---|------------|-------------------------------|
| propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7 | 140.9 mg/L | ① PNEC aquatic, freshwater |
| propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7 | 140.9 mg/L | ① PNEC aquatic, marine water |
| propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7 | 2,251 mg/L | ① PNEC sewage treatment plant |
| propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7 | 552 mg/kg | ① PNEC sediment, freshwater |

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 7 Mar 2023

Print date: 15 Feb 2024

Version: 3



Page 6/12

Aqua Clean Blue 25l

| Substance name | PNEC Value | ① PNEC type |
|--|------------|--------------------------------------|
| propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7 | 552 mg/kg | ① PNEC sediment, marine water |
| propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7 | 28 mg/kg | ① PNEC soil |
| propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7 | 140.9 mg/L | ① PNEC aquatic, intermittent release |
| 2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6 | 1.1 mg/L | ① PNEC aquatic, freshwater |
| 2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6 | 0.11 mg/L | ① PNEC aquatic, marine water |
| 2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6 | 200 mg/L | ① PNEC sewage treatment plant |
| 2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6 | 4.4 mg/kg | ① PNEC sediment, freshwater |
| 2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6 | 0.44 mg/kg | ① PNEC sediment, marine water |
| 2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6 | 0.32 mg/kg | ① PNEC soil |
| 2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6 | 56 mg/kg | ① PNEC secondary poisoning |

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No information available.

8.2.2. Personal protection equipment



Eye/face protection:

Wear eye protection/face protection. (EN 166)

Skin protection:

Hand protection:

Wear gloves for protection against chemicals according to EN 374. (Breakthrough time: >10 min)

Suitable material: NBR (Nitrile rubber)

Thickness of the glove material $\geq 0,1$ mm

A list of suitable makes with detailed information on wearing time is available on request.

Diluted application solutions $\leq 1\%$:

Protective gloves may be dispensed with, provided equivalent protective measures are taken, taking into account increased skin exposure due to wet work (e.g. use of suitable skin protection ointments).

Body protection: Wear suitable work clothing.

Respiratory protection:

When using the HD method or spraying over large areas: combination filter A1/P2 (EN 143, EN 14387).

Use only in well-ventilated areas.

In case of inadequate ventilation wear respiratory protection.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 7 Mar 2023

Print date: 15 Feb 2024

Version: 3

Page 7/12



Aqua Clean Blue 25l

Thermal hazards:

No further relevant information available.

8.2.3. Environmental exposure controls

Section 6: Accidental Release Measures

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Liquid

Colour: light blue

Odour: characteristic

Safety relevant basis data

| Parameter | Value | at °C | ① Method ② Remark |
|--|------------------------|-------|----------------------|
| pH | 13 - 14 | 20 °C | |
| Melting point | ≈ 0 °C | | |
| Freezing point | ≈ 0 °C | | |
| Initial boiling point and boiling range | ≈ 100 °C | | |
| Flash point | 43 °C | | |
| Evaporation rate | No data available | | |
| Auto-ignition temperature | No data available | | |
| Upper/lower flammability or explosive limits | No data available | | |
| Vapour pressure | No data available | | |
| Vapour density | No data available | | |
| Density | 1.03 g/cm ³ | 20 °C | |
| Bulk density | not applicable | | |
| Water solubility | completely miscible | | |
| Dynamic viscosity | < 10 mPa*s | 25 °C | |
| Kinematic viscosity | No data available | | |

9.2. Other information

Sustaining combustion: Not sustaining combustion.

SECTION 10: Stability and reactivity

10.1. Reactivity

Exothermic reaction with: Acid

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Exothermic reaction with: Acid

10.4. Conditions to avoid

The product is stable under storage at normal ambient temperatures.

10.5. Incompatible materials

Acid

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 7 Mar 2023

Print date: 15 Feb 2024

Version: 3

Page 8/12



Aqua Clean Blue 25l

SECTION 11: Toxicological information

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

| |
|---|
| propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7 |
| LD₅₀ oral: >2,000 mg/kg (Rat) |
| LD₅₀ dermal: >2,000 mg/kg (Rat) |
| LC₅₀ Acute inhalation toxicity (gas): >25 ppmV (Rat) |
| LC₅₀ Acute inhalation toxicity (vapour): >20 mg/L (Rat) |
| 2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6 |
| LD₅₀ oral: >2,000 mg/kg (Rat) |
| LD₅₀ dermal: >2,000 mg/kg (Rat) |
| LC₅₀ Acute inhalation toxicity (vapour): >20 mg/L (Rat) |
| disodium metasilicate CAS No.: 6834-92-0 EC No.: 229-912-9 |
| LD₅₀ oral: >2,000 mg/kg (Rat) |
| LD₅₀ dermal: >2,000 mg/kg (Rat) |
| LC₅₀ Acute inhalation toxicity (dust/mist): >5 mg/L |
| Alkyl polyethoxilate CAS No.: 68439-50-9 |
| LD₅₀ oral: 500 mg/kg (Rat) |
| LD₅₀ dermal: >2,000 mg/kg (Rat) |
| LC₅₀ Acute inhalation toxicity (dust/mist): >5 mg/L (Rat) |

Acute oral toxicity:

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

Acute dermal toxicity:

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

Acute inhalation toxicity:

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

Skin corrosion/irritation:

Causes severe skin burns and eye damage.

Serious eye damage/irritation:

Causes severe skin burns and eye damage.

Respiratory or skin sensitisation:

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

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:

May cause respiratory irritation.

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.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 7 Mar 2023

Print date: 15 Feb 2024

Version: 3

Page 9/12



Aqua Clean Blue 25l

SECTION 12: Ecological information

12.1. Toxicity

| |
|--|
| propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7 |
| LC₅₀ : 9,640 mg/L 4 d (fish, Pimephales promelas) |
| LC₅₀ : >1,000 mg/L 4 d (fish) |
| EC₅₀ : >100 mg/L (Algae/water plant) |
| EC₅₀ : >100 mg/L 2 d (crustaceans, Daphnia magna) |
| EC₅₀ : >1,000 mg/L 2 d (crustaceans) |
| ErC₅₀ : >100 mg/L 3 d (Algae/water plant, Desmodesmus subspicatus) |
| LOEC : 1,000 mg/L (Algae/water plant, Algae) |
| LC₅₀ : 8,970 mg/L 2 d (fish, Leuciscus idus (golden orfe)) |
| 2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6 |
| LC₅₀ : 2,780 mg/L 4 d (fish, Pimephales promelas) |
| LC₅₀ : 1,300 mg/L 4 d (fish, Lepomis macrochirus) |
| EC₅₀ : >100 mg/L 2 d (crustaceans, Daphnia magna) |
| ErC₅₀ : >100 mg/L (Algae/water plant, Scenedesmus subspicatus) |
| EC₅₀ : 4,950 mg/L 2 d (crustaceans, Daphnia magna) |
| ErC₅₀ : >100 mg/L (Algae/water plant, Scenedesmus subspicatus) |
| EC₅₀ : 4,950 mg/L (crustaceans) |
| disodium metasilicate CAS No.: 6834-92-0 EC No.: 229-912-9 |
| LC₅₀ : 210 mg/L 4 d (fish, Danio rerio) |
| EC₅₀ : 1,700 mg/L 2 d (crustaceans, Daphnia magna) |
| Alkyl polyethoxilate CAS No.: 68439-50-9 |
| LC₅₀ : >1 mg/L 4 d (fish) |
| EC₅₀ : >1 mg/L 2 d (crustaceans) |
| ErC₅₀ : >1 mg/L (Algae/water plant) |

12.2. Persistence and degradability

| |
|--|
| propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7 |
| Biodegradation: Yes, rapidly |
| Remark: Readily biodegradable (according to OECD criteria). |
| 2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6 |
| Biodegradation: Yes, rapidly |
| Remark: Readily biodegradable (according to OECD criteria). |
| Alkyl polyethoxilate CAS No.: 68439-50-9 |
| Biodegradation: Yes, rapidly |
| Remark: Readily biodegradable (according to OECD criteria). |

Biodegradation:

The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3. Bioaccumulative potential

| |
|--|
| propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7 |
| Log K_{OW} : 0.05 |
| 2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6 |
| Log K_{OW} : 0.56 |

Accumulation / Evaluation:

No indication of bioaccumulation potential.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 7 Mar 2023

Print date: 15 Feb 2024

Version: 3

Page 10/12



Aqua Clean Blue 25l

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

| |
|--|
| propan-2-ol CAS No.: 67-63-0 EC No.: 200-661-7 |
| Results of PBT and vPvB assessment: — |
| 2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5 EC No.: 203-961-6 |
| Results of PBT and vPvB assessment: — |
| disodium metasilicate CAS No.: 6834-92-0 EC No.: 229-912-9 |
| Results of PBT and vPvB assessment: — |
| Alkyl polyethoxilate CAS No.: 68439-50-9 |
| Results of PBT and vPvB assessment: — |
| Nonionic surfactants |
| 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. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of waste according to applicable legislation. Delivery to an approved waste disposal company.

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

| | |
|------------|--|
| 07 06 01 * | aqueous washing liquids and mother liquors |
|------------|--|

*: Evidence for disposal must be provided.

Waste code packaging





| | |
|----------|-------------------|
| 15 01 02 | Plastic packaging |
|----------|-------------------|

Waste treatment options

Appropriate disposal / Package:

Non-contaminated packages may be recycled.

SECTION 14: Transport information

| Land transport (ADR/RID) | Inland waterway craft (ADN) | Sea transport (IMDG) | Air transport (ICAO-TI / IATA-DGR) |
|--|--|--|--|
| 14.1. UN number or ID number | | | |
| UN 1719 | UN 1719 | UN 1719 | UN 1719 |
| 14.2. UN proper shipping name | | | |
| CAUSTIC ALKALI LIQUID, N.O.S. (disodium metasilicate) | CAUSTIC ALKALI LIQUID, N.O.S. (disodium metasilicate) | CAUSTIC ALKALI LIQUID, N.O.S. (disodium metasilicate) | CAUSTIC ALKALI LIQUID, N.O.S. (disodium metasilicate) |
| 14.3. Transport hazard class(es) | | | |
|  8 |  8 |  8 |  8 |
| 14.4. Packing group | | | |
| III | III | III | III |

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 7 Mar 2023

Print date: 15 Feb 2024

Version: 3

Page 11/12



Aqua Clean Blue 25l

| Land transport (ADR/RID) | Inland waterway craft (ADN) | Sea transport (IMDG) | Air transport (ICAO-TI / IATA-DGR) |
|---|--|--|---|
| 14.5. Environmental hazards | | | |
| No | No | No | No |
| 14.6. Special precautions for user | | | |
| Special Provisions: 274 Limited quantity (LQ): 5 L Excepted Quantities (EQ): E1 Hazard identification number (Kemler No.): 80 Classification code: C5 Tunnel restriction code: (E) | Special Provisions: 274 Limited quantity (LQ): 5 L Excepted Quantities (EQ): E1 Classification code: C5 | Special Provisions: 223 274 Limited quantity (LQ): 5 L Excepted Quantities (EQ): E1 EmS-No.: F-A, S-B | Special Provisions: A3 A803 Limited quantity (LQ): Y841 Excepted Quantities (EQ): E1 Remark: IATA Packing Instructions - Passenger: 852 IATA Maximum Quantity - Passenger: 5 L IATA-Verpackungsanweisung - Cargo: 856 IATA Maximum Quantity - Cargo: 60 L |

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

15.1.1. EU legislation

Restrictions on use:

Restrictions on use (REACH, Annex XVII)
Entry 3, Entry 40, Entry 55, Entry 75

Other regulations (EU):

This product is not assigned to a hazard category.

Directive 2004/42/EC on the limitation of emissions of volatile organic compounds:

Volatile organic compounds (VOC) content in percent by weight: 5.5 Vol-%

15.1.2. National regulations

No data available

15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

15.3. Additional information

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

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

| | |
|-------|---|
| ACGIH | American Conference of Governmental Industrial Hygienists |
| 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 |
| CAS | Chemical Abstracts Service |
| CLP | Classification, Labelling and Packaging |
| DNEL | derived no-effect level |

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 7 Mar 2023

Print date: 15 Feb 2024

Version: 3

Page 12/12



Aqua Clean Blue 25l

| | |
|------------------|---|
| EC ₅₀ | Effective Concentration 50% |
| EN | European Standard |
| ES | Exposure scenario |
| EWC | European Waste Catalogue |
| ICAO | International Civil Aviation Organization |
| IMDG | International Maritime Dangerous Goods |
| IMO | International Maritime Organization |
| KG | body weight |
| LC ₅₀ | Lethal (fatal) Concentration 50% |
| LD ₅₀ | Lethal (fatal) Dose 50% |
| MAK | Maximum concentration in the workplace air (CH) |
| NFPA | National Fire Protection Association |
| NIOSH | National Institute for Occupational Safety & Health |
| OSHA | Occupational Safety & Health Administration |
| PBT | persistent and bioaccumulative and toxic |
| PC | Product category |
| PNEC | Predicted No Effect Concentration |
| PROC | Process Category |
| REACH | Registration, Evaluation and Authorization of Chemicals |
| RID | Dangerous goods regulations for transport by rail |
| SCL | Specific concentration limit |
| TRGS | Technische Regeln für Gefahrstoffe |
| UN | United Nations |
| VOC | Volatile organic compounds |
| ZNS | central nervous system |

16.3. Key literature references and sources for data

No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

| Hazard classes and hazard categories | Hazard statements | Classification procedure |
|--|--|--------------------------|
| Skin corrosion/irritation (<i>Skin Corr. 1B</i>) | H314: Causes severe skin burns and eye damage. | |

16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

| Hazard statements | |
|-------------------|--|
| H290 | May be corrosive to metals. |
| H302 | Harmful if swallowed. |
| H314 | Causes severe skin burns and eye damage. |
| H318 | Causes serious eye damage. |
| H335 | May cause respiratory irritation. |
| H412 | Harmful to aquatic life with long lasting effects. |

16.6. Training advice

No data available

16.7. Additional information

To the best of our knowledge, the information contained herein is accurate. However, neither the above-mentioned supplier nor its subsidiaries assume any liability with regard to the correctness or completeness of the information provided. A final determination of the suitability of individual materials is the sole responsibility of the user. All materials may involve unknown risks and should be used with caution. While certain risks are described herein, we cannot guarantee that these are the only possible risks.