

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)

14.01.06.02-AQUALUR - Esmalte Acrílico Aquoso Brilhante Base 2

Version 1 Date of compilation: 22/03/2023



Page 1 of 12
Print date: 22/03/2023

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING.

1.1 Product identifier.

Product Name: AQUALUR - Esmalte Acrílico Aquoso Brilhante Base 2
Product Code: 14.01.06.02
UFI: 5Y00-W0D4-300M-39GP

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

Uses by consumers (SU21).

Professional uses (SU22).

Uses advised against:

Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet.

Company: **NEUCE-Indústria de Tintas, S.A**
Address: Rua Joaquim Francisco Rocha
City: 3701-902 ROMARIZ - 3701-902
Province: ROMARIZ
Telephone: 256 840 040
Fax: 256 840 048
E-mail: security.advisor@neuce.com
Web: <https://www.neuce.com/>

1.4 Emergency telephone number: 256 840041 (Only available during office hours; Monday-Friday; 08:30-18:00)

SECTION 2: HAZARDS IDENTIFICATION.

2.1 Classification of the substance or mixture.

In accordance with Regulation (EC) No 1272/2008:

Aquatic Chronic 3 : Harmful to aquatic life with long lasting effects.

2.2 Label elements.

Labelling in accordance with Regulation (EC) No 1272/2008:

Hazard statements:

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively

EUH statements:

EUH208 Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

2.3 Other hazards.

The mixture contains PBT substances in a concentration lower than 0.1%

The mixture contains vPvB substances in a concentration lower than 0.1%

The mixture does not contain any endocrine disrupting properties substances.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)

14.01.06.02-AQUALUR - Esmalte Acrílico Aquoso Brilhante Base 2

Version 1 Date of compilation: 22/03/2023



Page 2 of 12
Print date: 22/03/2023

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.

3.1 Substances.

Not Applicable.

3.2 Mixtures.

Substances posing a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List:

| Identifiers | Name | Concentrate | (*)Classification - Regulation (EC) No 1272/2008 | |
|--|---|----------------|---|--|
| | | | Classification | Specifics concentration limits and Acute toxicity estimate |
| CAS No: 13463-67-7 EC No: 236-675-5 Registration No: 01-2119489379-17-XXXX | [2] Titanium dioxide | 2.5 - 10 % | - | - |
| Index No: 603-014-00-0 CAS No: 111-76-2 EC No: 203-905-0 Registration No: 01-2119475108-36-XXXX | [1] [2] 2-butoxyethanol, ethyleneglycol monobutyl ether, butyl cellosolve | 0 - 10 % | Acute Tox. 4, H332 - Acute Tox. 4, H302 - Eye Irrit. 2, H319 - Skin Irrit. 2, H315 | Oral: ETA = 1200 mg/kg pc (Armonizada ATP15) |
| CAS No: 57-55-6 EC No: 200-338-0 Registration No: 01-2119456809-23-XXXX | [2] Propylene glycol | 0 - 2.5 % | - | - |
| CAS No: 34590-94-8 EC No: 252-104-2 Registration No: 01-2119450011-60-XXXX | [1] [2] (2-methoxymethylethoxy)propanol | 0 - 2.5 % | - | - |
| CAS No: 886-50-0 EC No: 212-950-5 | Terbutryn | 0.025 - 0.25 % | Acute Tox. 4, H302 - Aquatic Acute 1, H400 (M=10) - Aquatic Chronic 1, H410 (M=10) | - |
| CAS No: 1332-58-7 EC No: 310-194-1 | [2] Kaolin | 0 - 2.5 % | - | - |
| Index No: 616-212-00-7 CAS No: 55406-53-6 EC No: 259-627-5 Registration No: 01-2120762115-60-XXXX | 3-iodo-2-propynyl butylcarbamate, 3-iodoprop-2-yn-1-yl butylcarbamate | 0 - 0.25 % | Acute Tox. 3, H331 - Acute Tox. 4, H302 - Aquatic Acute 1, H400 (M=10) - Aquatic Chronic 1, H410 (M=1) - Eye Dam. 1, H318 - STOT RE 1, H372(laringe) - Skin Sens. 1, H317 | - |

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)

14.01.06.02-AQUALUR - Esmalte Acrílico Aquoso Brilhante Base 2

Version 1 Date of compilation: 22/03/2023



Page 3 of 12
Print date: 22/03/2023

| | | | | |
|---|---|--------------|--|---|
| Index No: 019-002-00-8 CAS No: 1310-58-3 EC No: 215-181-3 Registration No: 01-2119487136-33-XXXX | [2] potassium hydroxide, caustic potash | 0 - 0.5 % | Acute Tox. 4 *, H302 - Skin Corr. 1A, H314 | Skin Corr. 1A, H314: C ≥ 5 % Skin Corr. 1B, H314: 2 % ≤ C < 5 % Skin Irrit. 2, H315: 0,5 % ≤ C < 2 % Eye Irrit. 2, H319: 0,5 % ≤ C < 2 % |
| Index No: 613-167-00-5 CAS No: 55965-84-9 | reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | 0 - 0.0015 % | Acute Tox. 2, H310 - Acute Tox. 2, H330 - Acute Tox. 3, H301 - Aquatic Acute 1, H400 (M=100) - Aquatic Chronic 1, H410 (M=100) - Eye Dam. 1, H318 - Skin Corr. 1C, H314 - Skin Sens. 1A, H317 | Skin Corr. 1C, H314: C ≥ 0,6 % Skin Irrit. 2, H315: 0,06 % ≤ C < 0,6 % Eye Irrit. 2, H319: 0,06 % ≤ C < 0,6 % Skin Sens. 1A, H317: C ≥ 0,0015 % Eye Dam. 1, H318: C ≥ 0,6 % |

(*) The complete text of the H phrases is given in section 16 of this Safety Data Sheet.

* See Regulation (EC) No. 1272/2008, Annex VI, section 1.2.

[1] Substance with a European Union exposure limit in the workplace (see section 8.1).

[2] Substance with a national workplace exposure limit (see section 8.1).

SECTION 4: FIRST AID MEASURES.

4.1 Description of first aid measures.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

Inhalation.

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration.

Eye contact.

Remove contact lenses, if present and if it is easy to do. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance.

Skin contact.

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. NEVER use solvents or thinners.

Ingestion.

If accidentally ingested, seek immediate medical attention. Keep calm. NEVER induce vomiting.

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

No known acute or delayed effects from exposure to the product.

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

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

SECTION 5: FIREFIGHTING MEASURES.

The product is NOT classified as flammable, in case of fire the following measures should be taken:

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)

14.01.06.02-AQUALUR - Esmalte Acrílico Aquoso Brilhante Base 2

Version 1 Date of compilation: 22/03/2023



Page 4 of 12
Print date: 22/03/2023

5.1 Extinguishing media.

Suitable extinguishing media:

Extinguisher powder or CO₂. In case of more serious fires, also alcohol-resistant foam and water spray.

Unsuitable extinguishing media:

Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

5.2 Special hazards arising from the substance or mixture.

Special risks.

Exposure to combustion or decomposition products can be harmful to your health.

5.3 Advice for firefighters.

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways. Product residues and extinguishing media may contaminate the aquatic environment.

Fire protection equipment.

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots.

SECTION 6: ACCIDENTAL RELEASE MEASURES.

6.1 Personal precautions, protective equipment and emergency procedures.

For exposure control and individual protection measures, see section 8.

6.2 Environmental precautions.

Product dangerous for the environment, in case of large spills or if the product contaminates lakes, rivers, or sewers, inform the responsible authorities according to local legislation. Prevent the contamination of drains, surface or subterranean waters, and the ground.

6.3 Methods and material for containment and cleaning up.

Contain and collect spillage with inert absorbent material (earth, sand, vermiculite, Kieselguhr...) and clean the area immediately with a suitable decontaminant.

Deposit waste in closed and suitable containers for disposal, in compliance with local and national regulations (see section 13).

6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8.

For later elimination of waste, follow the recommendations under section 13.

SECTION 7: HANDLING AND STORAGE.

7.1 Precautions for safe handling.

For personal protection, see section 8.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Never use pressure to empty the containers. They are not pressure-resistant containers. Keep the product in containers made of a material identical to the original.

7.2 Conditions for safe storage, including any incompatibilities.

Store according to local legislation. Observe indications on the label. Store the containers between 5 and 35 °C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorized persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

The product is not affected by Directive 2012/18/EU (SEVESO III).

7.3 Specific end use(s).

Not available.

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)

14.01.06.02-AQUALUR - Esmalte Acrílico Aquoso Brilhante Base 2

Version 1 Date of compilation: 22/03/2023



Page 5 of 12
Print date: 22/03/2023

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

8.1 Control parameters.

Work exposure limit for:

| Name | CAS No. | Country | Limit value | ppm | mg/m ³ |
|---|-------------|------------------------------|-------------|-------------------------------------|--|
| Titanium dioxide | 13463-67-7 | United Kingdom [1] | Eight hours | | 10 (total inhalable) |
| | | | Short term | | |
| | | Éire [2] | Eight hours | | 10 (Inhalable dust) 4 (Respirable dust) |
| | | | Short term | | |
| 2-butoxyethanol, ethyleneglycol monobutyl ether, butyl cellosolve | 111-76-2 | European Union [3] | Eight hours | 20 (skin) | 98 (skin) |
| | | | Short term | 50 (skin) | 246 (skin) |
| | | United Kingdom [1] | Eight hours | 25 | 123 |
| | | | Short term | 50 | 246 |
| | | Éire [2] | Eight hours | 20 | 98 |
| | | | Short term | 50 | 246 |
| | | United States [4] (Cal/OSHA) | Eight hours | 20 | |
| | | | Short term | | |
| | | United States [5] (NIOSH) | Eight hours | 5 | |
| | | | Short term | | |
| United States [6] (OSHA) | Eight hours | 50 | 240 | | |
| | Short term | | | | |
| Propylene glycol | 57-55-6 | United Kingdom [1] | Eight hours | 150 (total vapour and particulates) | 474 (total vapour and particulates) 10 (particulates) |
| | | | Short term | | |
| | | Éire [2] | Eight hours | 150 (vapour and particulates) | 470 (vapour and particulates) 10 (particulates) |
| | | | Short term | | |
| (2-methoxymethylethoxy)propanol | 34590-94-8 | European Union [3] | Eight hours | 50 (skin) | 308 (skin) |
| | | | Short term | | |
| | | United Kingdom [1] | Eight hours | 50 | 308 |
| | | | Short term | | |
| | | Éire [2] | Eight hours | 50 | 308 |
| | | | Short term | | |
| | | United States [4] (Cal/OSHA) | Eight hours | 100 | |
| | | | Short term | 150 | |
| United States [5] (NIOSH) | Eight hours | 100 | | | |
| | Short term | 150 | | | |
| United States [6] (OSHA) | Eight hours | 100 | 600 | | |
| | Short term | | | | |
| Kaolin | 1332-58-7 | United Kingdom [1] | Eight hours | | 2 |
| | | | Short term | | |
| | | Éire [2] | Eight hours | | 2 |
| | | | Short term | | |
| | | United States [4] (Cal/OSHA) | Eight hours | | 2 (Respirable fraction) (no asbestos, < 1% crystalline silica) |
| | | | Short term | | |

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)

14.01.06.02-AQUALUR - Esmalte Acrílico Aquoso Brilhante Base 2

Version 1 Date of compilation: 22/03/2023



Page 6 of 12
Print date: 22/03/2023

| | | United States [5] (NIOSH) | Eight hours | | 10 (Total dust) 5 (Respirable fraction) | |
|-------------------------------------|-----------|------------------------------|-------------|--|---|---|
| | | | Short term | | | |
| | | United States [6] (OSHA) | Eight hours | | 15 (Total dust) 5 (Respirable fraction) | |
| | | | Short term | | | |
| potassium hydroxide, caustic potash | 1310-58-3 | United Kingdom [1] | Eight hours | | | |
| | | | Short term | | 2 | |
| | | Éire [2] | Eight hours | | | |
| | | | Short term | | | 2 |

[1] According Limit Value (IOELV) list in 2nd Indicative Occupational Exposure adopted by Health and Safety Executive.

[2] According Code of Practice for the Safety, Health and Welfare at Work (Chemicals Agents) Regulations adopted by Health and Safety Authority (HSA).

[3] According both Binding Occupational Exposure Limits (BOELVs) and Indicative Occupational Exposure Limits (IOELVs) adopted by Scientific Committee for Occupational Exposure Limits to Chemical Agents (SCOEL).

[4] California Division of Occupational Safety and Health (Cal/OSHA) Permissible Exposure Limits (PELs).

[5] National Institute for Occupational Safety and Health. NIOSH Recommendations for occupational safety and health, Compendium of Policy Documents and Statements, January, 1992, DHHS (NIOSH) Publication No. 92-100.

[6] Occupational Safety and Health Administration, United States Department of Labor. Permissible Exposure limits (PELs), California Division of Occupational Safety and Health (Cal/OSHA) Permissible Exposure Limits (PELs).

The product does NOT contain substances with Biological Limit Values.

Concentration levels DNEL/DMEL:

| Name | DNEL/DMEL | Type | Value |
|--|-------------------|---------------------------------------|-----------------------------|
| Titanium dioxide CAS No: 13463-67-7 EC No: 236-675-5 | DNEL (Workers) | Inhalation, Chronic, Local effects | 10 (mg/m ³) |
| 2-butoxyethanol, ethyleneglycol monobutyl ether, butyl cellosolve CAS No: 111-76-2 EC No: 203-905-0 | DNEL (Workers) | Inhalation, Chronic, Systemic effects | 98 (mg/m ³) |
| Propylene glycol CAS No: 57-55-6 EC No: 200-338-0 | DNEL (Workers) | Inhalation, Chronic, Local effects | 10 (mg/m ³) |
| | DNEL (Workers) | Inhalation, Chronic, Systemic effects | 168 (mg/m ³) |

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

8.2 Exposure controls.

Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

| | |
|--|----------------------------------|
| Concentration: | 100 % |
| Uses: | Uses by consumers (SU21). |
| | Professional uses (SU22). |
| Breathing protection: | |
| If the recommended technical measures are observed, no individual protection equipment is necessary. | |
| Hand protection: | |
| If the product is handled correctly, no individual protection equipment is necessary. | |
| Eye protection: | |
| If the product is handled correctly, no individual protection equipment is necessary. | |
| Skin protection: | |
| PPE: | Work footwear. |
| Characteristics: | «CE» marking, category II. |
| CEN standards: | EN ISO 13287, EN 20347 |

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)

14.01.06.02-AQUALUR - Esmalte Acrílico Aquoso Brilhante Base 2



Version 1 Date of compilation: 22/03/2023

Page 7 of 12
Print date: 22/03/2023

| | |
|---------------|--|
| Maintenance: | This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should not be used by other people. |
| Observations: | Work footwear for professional use includes protection elements aimed at protecting users against any injury resulting from an accident |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties.

Physical state: Liquid

Colour: White

Odour: Not applicable/Not available due to the nature/properties of the product

Odour threshold: Not applicable/Not available due to the nature/properties of the product

Melting point: Not applicable/Not available due to the nature/properties of the product

Freezing point: Not applicable/Not available due to the nature/properties of the product

Boiling point or initial boiling point and boiling range: 62 °C

Flammability: Not applicable/Not available due to the nature/properties of the product

Lower explosion limit: Not applicable/Not available due to the nature/properties of the product

Upper explosion limit: Not applicable/Not available due to the nature/properties of the product

Flash point: > 60 °C

Auto-ignition temperature: Not applicable/Not available due to the nature/properties of the product

Decomposition temperature: Not applicable/Not available due to the nature/properties of the product

pH: 8 (100%) (pH Meter/potentiometric/electrometric method)

Kinematic viscosity: Not applicable/Not available due to the nature/properties of the product

Solubility: Not applicable/Not available due to the nature/properties of the product

Hydrosolubility: Not applicable/Not available due to the nature/properties of the product

Liposolubility: Not applicable/Not available due to the nature/properties of the product

Partition coefficient n-octanol/water (log value): Not applicable/Not available due to the nature/properties of the product

Vapour pressure: Not applicable/Not available due to the nature/properties of the product

Absolute density: Not applicable/Not available due to the nature/properties of the product

Relative density: 1,08

Relative vapour density: Not applicable/Not available due to the nature/properties of the product

Particle characteristics: Not applicable/Not available due to the nature/properties of the product

9.2 Other information

Not applicable/Not available due to the nature/properties of the product

SECTION 10: STABILITY AND REACTIVITY.

10.1 Reactivity.

The product does not present hazards by their reactivity.

10.2 Chemical stability.

Stable under the recommended handling and storage conditions (see section 7).

10.3 Possibility of hazardous reactions.

The product does not present possibility of hazardous reactions.

10.4 Conditions to avoid.

Avoid any improper handling.

10.5 Incompatible materials.

Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions.

10.6 Hazardous decomposition products.

No decomposition if used for the intended uses.

SECTION 11: TOXICOLOGICAL INFORMATION.

2-butoxyethanol and its acetate are easily absorbed by the skin and can cause noxious effects to the kidneys.

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)

14.01.06.02-AQUALUR - Esmalte Acrílico Aquoso Brilhante Base 2

Version 1 Date of compilation: 22/03/2023



Page 8 of 12
Print date: 22/03/2023

11.1 Information on hazard classes as defined in Regulation (EC) N° 1272/2008.

Toxicological information about the substances present in the composition.

| Name | Acute toxicity | | | |
|--|----------------|------|------|---|
| | Type | Test | Kind | Value |
| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) CAS No: 55965-84-9 EC No: | Oral | LD50 | Rat | 53 mg/kg bw [1] [1] Mutation Research. Vol. 118, Pg. 129, 1983 |
| | Dermal | | | |
| | Inhalation | | | |

a) acute toxicity;

Not conclusive data for classification.

b) skin corrosion/irritation;

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

c) serious eye damage/irritation;

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

d) respiratory or skin sensitisation;

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

e) germ cell mutagenicity;

Not conclusive data for classification.

f) carcinogenicity;

Not conclusive data for classification.

g) reproductive toxicity;

Not conclusive data for classification.

h) STOT-single exposure;

Not conclusive data for classification.

i) STOT-repeated exposure;

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

j) aspiration hazard;

Not conclusive data for classification.

11.2 Information on other hazards.

Endocrine disrupting properties

This product does not contain components with endocrine-disrupting properties with effects on human health.

Other information

There is no information available on other adverse health effects.

SECTION 12: ECOLOGICAL INFORMATION.

12.1 Toxicity.

| Name | Ecotoxicity | | | |
|---|-------------|------|------|-----------------------|
| | Type | Test | Kind | Value |
| 3-iodo-2-propynyl butylcarbamate, 3-iodoprop- | Fish | LC50 | Fish | 0,183 mg/l (96 h) [1] |

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)

14.01.06.02-AQUALUR - Esmalte Acrílico Aquoso Brilhante Base 2



Version 1 Date of compilation: 22/03/2023

Page 9 of 12
Print date: 22/03/2023

| | | |
|---|---------------------------|--|
| 2-yn-1-yl butylcarbamate | | [1] Farrell, A.P., E. Stockner, and C.J. Kennedy 1998. A Study of the Lethal and Sublethal Toxicity of Polyphase P-100, an Antisapstain Fungicide Containing 3-Iodo-2-Propynyl Butyl Carbamate (IPBC), on. Arch.Environ.Contam.Toxicol. 35(3):472-478. Office of Pesticide Programs 2000. Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). Environmental Fate and Effects Division, U.S.EPA, Washington, D.C. |
| | Aquatic invertebrates | LC50 Crustaceans 0,5 mg/l (48 h) [1] [1] Farrell, A.P., E. Stockner, and C.J. Kennedy 1998. A Study of the Lethal and Sublethal Toxicity of Polyphase P-100, an Antisapstain Fungicide Containing 3-Iodo-2-Propynyl Butyl Carbamate (IPBC), on. Arch.Environ.Contam.Toxicol. 35(3):472-478 |
| | Aquatic plants | |
| CAS No: 55406-53-6 EC No: 259-627-5 | | |
| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | Fish | LC50 Fish 0,36 mg/l (96 h) [1] LC50 Fish 0,19 mg/l (96 h) [2] [1] Office of Pesticide Programs 2000. Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). Environmental Fate and Effects Division, U.S.EPA, Washington, D.C [2] Office of Pesticide Programs 2000. Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). Environmental Fate and Effects Division, U.S.EPA, Washington, D.C |
| | Aquatic invertebrates | LC50 Crustacean 0,56 mg/l (48 h) [1] EC50 Crustacean 1,07 mg/l (48 h) [2] EC50 Crustacean 0,18 mg/l (48 h) [3] [1] Office of Pesticide Programs 2000. Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). Environmental Fate and Effects Division, U.S.EPA, Washington, D.C [2] Office of Pesticide Programs 2000. Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). Environmental Fate and Effects Division, U.S.EPA, Washington, D.C [3] Office of Pesticide Programs 2000. Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). Environmental Fate and Effects Division, U.S.EPA, Washington, D.C |
| | Aquatic plants | EC50 Algae 0,06 mg/l (96 h) [1] EC50 Algae 0,13 mg/l (72 h) [2] [1] Office of Pesticide Programs 2000. Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). Environmental Fate and Effects Division, U.S.EPA, Washington, D.C [2] Office of Pesticide Programs 2000. Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). Environmental Fate and Effects Division, U.S.EPA, Washington, D.C |
| | CAS No: 55965-84-9 EC No: | |

12.2 Persistence and degradability.

No information is available regarding the biodegradability of the substances present.

No information is available on the degradability of the substances present.

No information is available about persistence and degradability of the product.

12.3 Bioaccumulative potential.

Information about the bioaccumulation of the substances present.

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)

14.01.06.02-AQUALUR - Esmalte Acrílico Aquoso Brilhante Base 2

Version 1 Date of compilation: 22/03/2023



Page 10 of 12
Print date: 22/03/2023

| Name | Bioaccumulation | | | |
|--|-----------------|-----|-------|----------|
| | Log Pow | BCF | NOECs | Level |
| 2-butoxyethanol, ethyleneglycol monobutyl ether, butyl cellosolve CAS No: 111-76-2 EC No: 203-905-0 | 0,8 | - | - | Very low |
| Propylene glycol CAS No: 57-55-6 EC No: 200-338-0 | -0,92 | - | - | Very low |

12.4 Mobility in soil.

No information is available about the mobility in soil.
The product must not be allowed to go into sewers or waterways.
Prevent penetration into the ground.

12.5 Results of PBT and vPvB assessment.

No information is available about the results of PBT and vPvB assessment of the product.

12.6 Endocrine disrupting properties.

This product doesn't contain components with environmental endocrine disrupting properties.

12.7 Other adverse effects.

No information is available about other adverse effects for the environment.

SECTION 13: DISPOSAL CONSIDERATIONS.

13.1 Waste treatment methods.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.
Follow the provisions of Directive 2008/98/EC regarding waste management.

SECTION 14: TRANSPORT INFORMATION.

Transportation is not dangerous. In case of road accident causing the product's spillage, proceed in accordance with point 6.

14.1 UN number or ID number.

Transportation is not dangerous.

14.2 UN proper shipping name.

Description:
ADR/RID: Not classified as hazardous for transport.
IMDG: Not classified as hazardous for transport.
ICAO/IATA: Not classified as hazardous for transport.

14.3 Transport hazard class(es).

Transportation is not dangerous.

14.4 Packing group.

Transportation is not dangerous.

14.5 Environmental hazards.

Transportation is not dangerous.
Transport by ship, FEM – Emergency sheets (F – Fire, S - Spills): Not applicable.

14.6 Special precautions for user.

Transportation is not dangerous.

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)

14.01.06.02-AQUALUR - Esmalte Acrílico Aquoso Brilhante Base 2

Version 1 Date of compilation: 22/03/2023



Page 11 of 12
Print date: 22/03/2023

14.7 Maritime transport in bulk according to IMO instruments.

Transportation is not dangerous.

SECTION 15: REGULATORY INFORMATION.

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

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

Volatile organic compound (VOC)

VOC content: 36 g/l

The product is not affected by Directive 2012/18/EU (SEVESO III).

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

15.2 Chemical safety assessment.

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION.

Complete text of the H phrases that appear in section 3:

| | |
|------|--|
| H301 | Toxic if swallowed. |
| H302 | Harmful if swallowed. |
| H310 | Fatal 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. |
| H331 | Toxic if inhaled. |
| H332 | Harmful if inhaled. |
| H372 | Causes damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.(laringe) |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |

Classification codes:

Acute Tox. 2 : Acute toxicity (Dermal), Category 2
Acute Tox. 2 : Acute toxicity (Inhalation), Category 2
Acute Tox. 3 : Acute toxicity (Inhalation), Category 3
Acute Tox. 3 : Acute toxicity (Oral), Category 3
Acute Tox. 4 : Acute toxicity (Inhalation), Category 4
Acute Tox. 4 : Acute toxicity (Oral), Category 4
Aquatic Acute 1 : Acute toxicity to the aquatic environment, Category 1
Aquatic Chronic 1 : Chronic effect to the aquatic environment, Category 1
Aquatic Chronic 3 : Chronic effect to the aquatic environment, Category 3
Eye Dam. 1 : Serious eye damage, Category 1
Eye Irrit. 2 : Eye irritation, Category 2
STOT RE 1 : Specific target organ toxicity following a repeated exposure, Category 1
Skin Corr. 1A : Skin Corrosive, Category 1A
Skin Corr. 1C : Skin Corrosive, Category 1C
Skin Irrit. 2 : Skin irritant, Category 2
Skin Sens. 1 : Skin sensitiser, Category 1

-Continued on next page.-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2020/878)

14.01.06.02-AQUALUR - Esmalte Acrílico Aquoso Brilhante Base 2



Version 1 Date of compilation: 22/03/2023

Page 12 of 12
Print date: 22/03/2023

Skin Sens. 1A : Skin sensitiser, Category 1A

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

| | |
|-----------------------|-----------------------|
| Physical hazards | On basis of test data |
| Health hazards | Calculation method |
| Environmental hazards | Calculation method |

It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly.

Abbreviations and acronyms used:

| | |
|-------|---|
| BCF: | Bioconcentration factor. |
| CEN: | European Committee for Standardization. |
| DMEL: | Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum. |
| DNEL: | Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated. |
| EC50: | Half maximal effective concentration. |
| PPE: | Personal protection equipment. |
| LC50: | Lethal concentration, 50%. |
| LD50: | Lethal dose, 50%. |
| NOEC: | No observed effect concentration. |

Key literature references and sources for data:

<http://eur-lex.europa.eu/homepage.html>
<http://echa.europa.eu/>
Regulation (EU) 2020/878.
Regulation (EC) No 1907/2006.
Regulation (EC) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemical substances and mixtures (REACH).

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.