

**Product:  
AQUATIX ROLLER**

Version 8.5 / 27.05.2024

Replaces all previous versions

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

Trade name: AQUATIX ROLLER

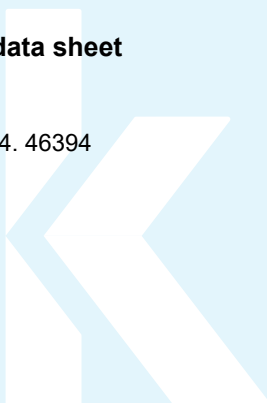
Material number: -

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

Use: Industry for paints, lacquers and varnishes. Binder in decorative coatings.

**1.3 Details of the supplier of the safety data sheet**

Company: PINTURAS KILNHER  
Address: Pol. Ind. La Figuera, C/LLanterners, 44. 46394  
City: ALACUAS  
Province: VALENCIA  
Telephone: (+34) 961 505 024  
Fax: (+34) 961 505 024  
E-mail: kilnher@kilnher.com  
Web: www.kilnher.com

**1.4 Emergency telephone number**

(+34) 961 505 024 (Only available during office hours; Monday-Friday; 07:00-15:00)

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

No classification in accordance with the Regulation (EC) No. 1272/2008.

**2.2 Label elements**

No labeling necessary according to the Regulation (EC) No. 1272/2008.

**2.3 Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.1 Type of product

Mixture

### 3.2 Mixtures

water-thinnable polyacrylate ca. 40 % in water

#### Hazardous components

3-butoxypropan-2-ol; propylene glycol monobutyl ether

Concentration [wt.-%]: ca. 3

Index-No.: 603-052-00-8

EC-No.: 225-878-4

REACH Registration Number: 01-2119475527-28

CAS-No.: 5131-66-8

Classification (1272/2008/CE): Skin Irrit. 2 H315 Eye Irrit. 2 H319

neutralising agent, bound as a salt:

Triethanolamine

Concentration [wt.-%]: ca. 0,4

EC-No.: 203-049-8

REACH Registration Number: 01-2119486482-31

CAS-No.: 102-71-6

No classification in accordance with the Regulation (EC) No. 1272/2008.

2-dimethylaminoethanol; N,N-dimethylethanolamine Concentration [wt.-%]: ca. 0.4

Index-No.: 603-047-00-0

EC-No.: 203-542-8

REACH Registration Number: 01-2119492298-24

CAS-No.: 108-01-0

Classification (1272/2008/CE): Flam. Liq. 3 H226 Acute

Tox. 4 Oral H302 Acute Tox. 3 Inhalative H331 Acute

Tox. 4 Dermal H312 Skin Corr. 1B H314 Eye Dam. 1

H318 STOT SE 3 H335 (Respiratory system) Specific

threshold concentration (GHS):

STOT SE 3 H335 >= 5 %

ATE (oral): 1,183 mg/kg

ATE (dermal): 1,219 mg/kg

ATE (inhalation, vapour): 6.1 mg/l

#### Candidate List of Substances of Very High Concern for Authorisation

This product contains no substances of very high concern in concentrations where an information obligation applies (REACH Regulation (EC) No. 2020/878

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General advice

Take off all contaminated clothing immediately.

#### If inhaled

In case of irritation of the respiratory tract seek medical advice.

#### In case of skin contact

Wash off immediately with soap and plenty of water. Consult a doctor in the event of a skin reaction.

#### In case of eye contact

Hold the eyes open and rinse with preferably lukewarm water for a sufficiently long period of time (at least 10 minutes). Contact an ophthalmologist.

#### If swallowed

DO NOT induce the patient to vomit, medical advice is required.

### 4.2 Most important symptoms and effects, both acute and delayed Notes to physician

No information available.

### 4.3 Indication of any immediate medical attention and special treatment needed Therapeutic measures

No information available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media:** Carbon dioxide (CO<sub>2</sub>), Foam, extinguishing powder, in cases of larger fires, water spray should be used.

**Unsuitable extinguishing media:** High volume water jet

### 5.2 Special hazards arising from the substance or mixture

Burning releases carbon monoxide, carbon dioxide, oxides of nitrogen and traces of hydrogen cyanide. In the event of fire and/or explosion do not breathe fumes.

### 5.3 Advice for fire-fighters

Firemen must wear self-contained breathing apparatus.

Do not allow contaminated extinguishing water to enter the soil, ground-water or surface waters.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Put on protective equipment (see section 8). Ensure adequate ventilation/exhaust extraction. Keep unauthorized persons away.

### 6.2 Environment related measures

Do not allow to escape into waterways, wastewater or soil.

### 6.3 Methods and material for containment and cleaning up

Take up with absorbent for chemicals or, if necessary with dry sand and store in closed containers.

### 6.4 Reference to other sections

For further disposal measures see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

When handling observe the usual precautionary measures for chemicals. Avoid contact with the skin and the eyes.

Keep away from foodstuffs, drinks and tobacco. Wash hands before breaks and at the end of workday. Keep working clothes separately. Change contaminated or soaked clothing.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Further information on the storage conditions which must be observed to preserve quality can be found in our product information sheet.

### 7.3 Specific end use(s)

No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

The neutralizing agent is released during processing

Substance	CAS-No.	Basis	Type	Value
2-dimethylaminoethanol N,N-dimethylethanolamine	108-01-0	EH40 WEL	STEL	6 ppm 22 mg/m <sup>3</sup>
2-dimethylaminoethanol N,N-dimethylethanolamine	108-01-0	EH40 WEL	TWA	2 ppm 7.4 mg/m <sup>3</sup>

### 8.2 Exposure controls

#### Respiratory protection:



Respiratory protection required in insufficiently ventilated working areas and during spraying.

#### Hand protection:



Suitable materials for safety gloves; EN 374:  
Fluorinated rubber - FKM: thickness  $\geq 0,4\text{mm}$ ; breakthrough time  $\geq 480\text{min}$ .  
Butyl rubber - IIR: thickness  $\geq 0,5\text{mm}$ ; breakthrough time  $\geq 480\text{min}$ .  
Nitrile rubber - NBR: thickness  $\geq 0,35\text{mm}$ ; breakthrough time  $\geq 480\text{min}$ . Recommendation: contaminated gloves should be disposed of.

#### Eye protection:



Wear eye/face protection.

#### Skin and body protection:



Wear suitable protective clothing.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Physical state:** liquid at 20 °C at 1,013 hPa

**Appearance:** liquid, thixotropic

**Colour:** white

**Odour:** slight inherent odour

**Odour Threshold:** not established

**pH:** ca. 7.2 - 7.8 (Determined in a 10 % aqueous solution)

DIN ISO 976

**Freezing temperature:** ca. 0 °C ISO 3016

**Boiling point/boiling range:** ca. 97 °C at 1,013 hPa

DIN 53171

**Flash point:** > 97 °C No flash point up to initial boiling point. DIN EN ISO 2719

**Evaporation rate:** not established

**Flammability (solid, gas):** not applicable

**Burning number:** not applicable

**Upper/lower flammability or explosive limits:**

3-butoxypropan-2-ol; propylene glycol monobutyl ether  
upper: 11.4 % (V) / lower: 1.1 % (V)

**Vapour pressure:** ca. 31 hPa at 20 °C EG A4

ca. 123 hPa at 50 °C EG A4

ca. 150 hPa at 55 °C EG A4

**Relative vapour density:** not established

**Density:** ca. 1.06 g/cm<sup>3</sup> at 20 °C DIN 51757

**Miscibility with water:** miscible at 15 °C

**Water solubility:** not established  
**Surface tension:** not established  
**Partition coefficient (n-octanol/water):** not established  
**Auto-ignition temperature:** not applicable  
**Ignition temperature:** ca. 410 °C DIN 51794

**Decomposition temperature:** not established  
**Heat of combustion:** not established  
**Viscosity, dynamic:** ca. 2,000 - 3,500 mPa.s at 23 °C  
DIN EN ISO 3219/A.3  
**Viscosity, kinematic:** not established

## 9.2 Other information

The indicated values do not necessarily correspond to the product specification. Please refer to the technical information sheet for specification data.

**Explosive properties:** not established  
**Dust explosion class:** not applicable  
**Oxidising properties:** not established

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

This information is not available.

### 10.2 Chemical stability

No thermal decomposition when stored and handled correctly.

### 10.3 Possibility of hazardous reactions

This information is not available.

### 10.4 Conditions to avoid

This information is not available.

### 10.5 Incompatible materials

This information is not available.

### 10.6 Hazardous decomposition products

On drying of the coating / hardening release of neutralising agent. (see section 3)

## SECTION 11: Toxicological information

Toxicological studies on the product are not yet available.  
Please find below the toxicological data available to us for the components (hazardous components).

### 11.1 Information on hazard classes as defined in Regulation (EC) No 2020/878

#### Acute toxicity, oral

3-butoxypropan-2-ol; propylene glycol monobutyl ether  
LD50 rat, male/female: ca. 3,300 mg/kg  
Method: OECD Test Guideline 401

#### Acute toxicity, dermal

3-butoxypropan-2-ol; propylene glycol monobutyl ether  
LD50 rat, male/female: > 2,000 mg/kg  
Method: OECD Test Guideline 402

#### Acute toxicity, inhalation

3-butoxypropan-2-ol; propylene glycol monobutyl ether  
LC50 rat: > 3.4 mg/l, 4 h  
Test atmosphere: vapour  
Assessment: The substance or mixture has no acute inhalation toxicity

**Primary skin irritation**

3-butoxypropan-2-ol; propylene glycol monobutyl ether  
Species: rabbit  
Result: slight irritant  
Classification: No skin irritation  
Method: OECD Test Guideline 404  
Classification: Causes skin irritation.  
Regulation (EC) No 1272/2008

**Primary mucosae irritation**

3-butoxypropan-2-ol; propylene glycol monobutyl ether  
Species: rabbit  
Result: irritating  
Classification: Causes serious eye irritation.  
Method: OECD Test Guideline 405

**Sensitisation**

3-butoxypropan-2-ol; propylene glycol monobutyl ether  
Skin sensitisation:  
Species: Guinea pig  
Result: negative  
Classification: Does not cause skin sensitization.  
Method: OECD Test Guideline 406  
Respiratory sensitization  
No data available.

**Subacute, subchronic and prolonged toxicity**

3-butoxypropan-2-ol; propylene glycol monobutyl ether

NOAEL: 350 mg/kg  
Application Route: Oral  
Species: rat, male/female  
Dose Levels: 100 -350 - 1000 mg/kg bw/day  
Method: OECD Test Guideline 408

NOAEL: 700 ppm  
Application Route: Inhalative Species: rat, male/female  
Dose Levels: 50 - 200 - 700 ppm  
Method: OECD Test Guideline 412

**Carcinogenicity**

3-butoxypropan-2-ol; propylene glycol monobutyl ether  
NOAEL (Toxicity): 3,000 ppm  
Species: Mouse, male/female  
Application Route: Inhalative  
Dose Levels: 300 - 1000 -3000 ppm  
Exposure duration: 2 year(s)  
Frequency of treatment: 6 hours/day, 5 days/week  
Method: OECD Test Guideline 453  
Animal testing did not show any carcinogenic effects.  
Studies of a comparable product.

**Reproductive toxicity/Fertility**

3-butoxypropan-2-ol; propylene glycol monobutyl ether  
NOAEL (parents, generally toxicity): 100 mg/kg  
NOAEL (parents, fertility): 1000 mg/kg  
Test type: Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test  
Species: rat, male/female  
Method: OECD Test Guideline 422

**Reproductive toxicity/Developmental Toxicity/Teratogenicity**

3-butoxypropan-2-ol; propylene glycol monobutyl ether  
NOAEL (maternal): 880 mg/kg  
NOAEL (developmental toxicity): 880  
Species: rat  
Method: OECD Test Guideline 414

**Genotoxicity in vitro**

3-butoxypropan-2-ol; propylene glycol monobutyl ether  
Test type: Ames test  
Metabolic activation: with/without  
Result: negative  
Method: OECD Test Guideline 471

Test type: Chromosome aberration test in vitro  
Metabolic activation: with/without  
Result: negative  
Method: OECD Test Guideline 473

Test type: In vitro mammalian cell gene mutation test  
Metabolic activation: with/without  
Result: negative  
Method: OECD Test Guideline 476

**Genotoxicity in vivo**

3-butoxypropan-2-ol; propylene glycol monobutyl ether No data available.

**STOT evaluation – one-time exposure**

3-butoxypropan-2-ol; propylene glycol monobutyl ether  
Based on available data, the classification criteria are not met.

**STOT evaluation – repeated exposure**

3-butoxypropan-2-ol; propylene glycol monobutyl ether  
Based on available data, the classification criteria are not met.

**Aspiration toxicity**

3-butoxypropan-2-ol; propylene glycol monobutyl ether  
Based on available data, the classification criteria are not met.

**CMR Assessment**

3-butoxypropan-2-ol; propylene glycol monobutyl ether  
Carcinogenicity: Based on available data, the classification criteria are not met.  
Mutagenicity: Based on available data, the classification criteria are not met.  
Teratogenicity: Based on available data, the classification criteria are not met.  
Reproductive toxicity/Fertility: Based on available data, the classification criteria are not met.

**Toxicology Assessment**

3-butoxypropan-2-ol; propylene glycol monobutyl ether  
Acute effects: Causes skin irritation. Causes serious eye irritation.  
Sensitization: Based on available data, the classification criteria are not met.

## 11.2 Information on other hazards Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## SECTION 12: Ecological information

Ecotoxicological studies of the product are not available. Do not allow to escape into waterways, wastewater or soil. Please find below the ecotoxicological data available to us for the components.

### 12.1 Toxicity Acute Fish toxicity

3-butoxypropan-2-ol; propylene glycol monobutyl ether  
LC50 > 560 mg/l  
Species: *Poecilia reticulata* (guppy)  
Exposure duration: 96 h  
Method: OECD Test Guideline 203

#### Chronic Fish toxicity

3-butoxypropan-2-ol; propylene glycol monobutyl ether No data available.

#### Acute toxicity for daphnia

3-butoxypropan-2-ol; propylene glycol monobutyl ether  
EC50 > 1,000 mg/l  
Test type: static test  
Species: *Daphnia magna* (Water flea)  
Exposure duration: 48 h  
Method: OECD Test Guideline 202

#### Chronic toxicity to daphnia

3-butoxypropan-2-ol; propylene glycol monobutyl ether No data available.

#### Acute toxicity for algae

3-butoxypropan-2-ol; propylene glycol monobutyl ether  
EC50 > 1,000 mg/l Test type: static test endpoint: Growth inhibition  
Species: *Pseudokirchneriella subcapitata* (green algae)  
Exposure duration: 96 h

#### Acute bacterial toxicity

3-butoxypropan-2-ol; propylene glycol monobutyl ether  
EC50 > 1,000 mg/l  
Species: activated sludge  
Exposure duration: 180 min  
Method: OECD Test Guideline 209

#### Ecotoxicology Assessment

3-butoxypropan-2-ol; propylene glycol monobutyl ether  
Acute aquatic toxicity: Based on available data, the classification criteria are not met.  
Chronic aquatic toxicity: Based on available data, the classification criteria are not met.

### 12.2 Persistence and degradability Biodegradability

3-butoxypropan-2-ol; propylene glycol monobutyl ether  
Test type: aerobic  
Inoculum: activated sludge  
Biodegradation: 90 %, 28 d, i.e. readily biodegradable  
Method: OECD Test Guideline 301 E

### 12.3 Bioaccumulative potential Bioaccumulation

3-butoxypropan-2-ol; propylene glycol monobutyl ether  
Due to the distribution coefficient n-octanol/water, accumulation in organisms is not expected.

Partition coefficient (n-octanol/water)

3-butoxypropan-2-ol; propylene glycol monobutyl ether

log Pow: 1.2 at: 20 °C

Method: OECD Test Guideline 117

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## 12.7 Other adverse effects

3-butoxypropan-2-ol; propylene glycol monobutyl ether  
The product contains none organically bound halogens.

## SECTION 13: Disposal considerations

Dispose in accordance with applicable international, national and local laws, ordinances and statutes.  
For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

### 13.1 Waste treatment methods

After containers have been emptied as thoroughly as possible (e.g. by pouring, scraping or draining until "drip-dry"), they can be sent to an appropriate collection point set up within the framework of the existing take-back scheme of the chemical industry. Containers must be recycled in compliance with national legislation and environmental regulations.

No disposal into waste water.

## SECTION 14: Transport information

ADR/RID	ADN*	IATA	IMDG
<b>14.1 UN number or ID number</b>			
Not dangerous good	Not dangerous good	Not dangerous good	Not dangerous good
<b>14.2 UN proper shipping name</b>			
Not dangerous good	Not dangerous good	Not dangerous good	Not dangerous good
<b>14.3 Transport hazard class(es)</b>			
Not dangerous good	Not dangerous good	Not dangerous good	Not dangerous good
<b>14.4 Packing group</b>			
Not dangerous good	Not dangerous good	Not dangerous good	Not dangerous good
<b>14.5 Environmental hazards</b>			<b>14.5 Marine pollutant</b>
Not dangerous good	Not dangerous good	Not dangerous good	Not dangerous good

\* Dangerous goods classification for inland waterways tanker by request only.

### 14.6 Special precautions for user

See section 6 - 8.

**Additional information:** Not dangerous cargo. Avoid temperatures below 1 °C.  
Avoid heat above +30 °C. Keep separated from foodstuffs.

### 14.7 Maritime transport in bulk according to IMO instruments

Product is not transported by us in bulk.



## SECTION 15: Regulatory information

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

#### Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances.

not applicable

This product contains substances subject to EU Regulation 1907/2006 (REACH), Annex XVII.

#### REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)

Conditions of restriction for the following entries should be considered: 40

3-butoxypropan-2-ol; propylene glycol monobutyl ether  
CAS-No.: 5131-66-8, EC-No.: 225-878-4  
Subject to REACH Annex XVII, No. 40

#### Water contaminating class (Germany)

1 slightly water endangering  
Classification according to AwSV, Annex 1 (5.2)

### 15.2 Chemical Safety Assessment

#### A Chemical Safety Assessment has been carried out for:

3-butoxypropan-2-ol; propylene glycol monobutyl ether

## SECTION 16: Other information

### 16.1 Full text of the hazard statements of the CLP classification

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.

### 16.2 Abbreviations and acronyms

**ADN** Accord européen relatif au transport international des marchandises Dangereuses par voie de Navigation intérieure

**ADR** Accord européen relatif au transport international des marchandises Dangereuses par Route

**ANSI** American National Standards Institute

**ASTM** American Society of Testing and Materials (US)

**ATE** Acute Toxic Estimate

**AwSV** Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen

**BCF** Bioconcentration Factor

**CAS** Chemical Abstract Service

**CLP** Regulation on Classification, Labelling and Packaging of Substances and Mixtures

<b>CMR</b>	Carcinogenic Mutagenic Reprotoxic	<b>MARPOL</b>	International Convention for the Prevention of Pollution From Ships
<b>DIN</b>	Deutsches Institut für Normung	<b>NOAEL</b>	No Observed Adverse Effect Level
<b>DNEL</b>	Derived No-Effect Level	<b>NOEL/NOEC</b>	No Observed Effect Level/Concentration
<b>EC...</b>	Effect Concentration ... %	<b>OECD</b>	Organisation for Economic Co-operation and Development
<b>EWC</b>	European Waste Catalogue	<b>PBT</b>	persistent, bioaccumulative, toxic
<b>IATA</b>	International Air Transport Association	<b>PNEC</b>	Predicted No-Effect Concentration
<b>IBC</b>	Intermediate Bulk Container	<b>REACH</b>	Registration, Evaluation, Authorisation and Restriction of Chemicals
<b>ICAO</b>	International Civil Aviation Organization	<b>RID</b>	Règlement concernant le transport International ferroviaire de marchandises Dangereuses
<b>IMDG</b>	International Maritime Dangerous Goods	<b>STOT</b>	Specific Target Organ Toxicity
<b>IMO</b>	International Maritime Organization	<b>TRGS</b>	Technische Regeln für Gefahrstoffe
<b>ISO</b>	International Organization for Standardization	<b>vPvB</b>	very Persistent, very Bioaccumulative
<b>IUPAC</b>	International Union of Pure and Applied Chemistry	<b>WGK</b>	Wassergefährdungsklasse
<b>LOAEL</b>	Lowest Observable Adverse Effect Level		
<b>LC...</b>	Lethal Concentration, ...%		
<b>LD...</b>	Lethal Dose, ...%		

### 16.3 Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.