

# POLYPROOF PU AQUA 2K COMPONENT A

## Safety Data Sheet

According to ABNT NBR 14725: 2023  
Issue date: 12/1/2025 Version: 1.0



### SECTION 1: Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Trade name : POLYPROOF PU AQUA 2K COMPONENT A  
Product code : 18983321  
Type of product : Paint  
Product group : Trade product

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Coating for maintenance sector

#### 1.4. Supplier's details

##### WEG TINTAS LTDA - GRUPO WEG

##### Guaramirim - Santa Catarina / Brasil

Rodovia BR 280 – Km 50, 6.918 – Bloco A. Caixa D'Água – 89270-000 - +55 (47) 3276-4000

##### Mauá - São Paulo / Brasil

Rua Dr. Ulysses Guimarães, nº 918 – Bloco A. Loteamento Industrial Coral 09372-050 – Fone: +55 (11) 4547-6100

##### Cabo de Santo Agostinho - Pernambuco / Brasil

Via VII, 314 Distrito Industrial DIPER – 54590-000 - Fone: +55 (81) 3512-3000

##### Betim - Minas Gerais / Brasil

Avenida Juiz Marco Tulio Isaac, 2994 Betim Industrial – 32671-198, Fone: +55 (31) 3268-0687 / +55 (31) 3268-0686

##### Macaé - Rio de Janeiro / Brasil

Rua Itacolomi, 528 – Quadra H – Lote 11 Cabiúnas – 27977-340

##### Atotonilco de Tula - Estado de Hidalgo / México

Av. Hidalgo, lote 40, 41, 42 y 43 - Parque Industrial Bicentenario, CP 42980 - Fone: +52 (55) 5321-4231

##### Buenos Aires - Provincia de Buenos Aires / Argentina

Av. José Melián, 2983 - Parque Industrial Burzaco, B1852 - Fone: +54 (11) 4299-8000

#### 1.5. Emergency phone number

Emergency number :

<b>24-HOUR EMERGENCY - AMBIPAR</b>	0800 117 2020		
<b>CHEMTREC international number</b>	+1-703-527-3887 e 1-800-424-9300		
<b>Country</b>	<b>City</b>	<b>Local Number</b>	<b>Toll-Free Number</b>
Austria	Vienna	+43-1-3649237	
Austria			0800 293702
China		400 120 4937	
France		+33-975181407	
Germany			0800-181-7059

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India	Bangalore	+91 8071 279 207	
India			000 800 1007 141
Italy	Milan	+39-02 4555 7031	
Italy			800 789 767
Netherlands		+31-85 888 0596	
South Africa			080-001-4676
United Kingdom	London	+44 20 3807 3798	
South korea			080-880-0454
Japan			0800-300-5842

## SECTION 2: Hazard identification

### 2.1. Classification of the substance or mixture

Classification according to GHS BR (ABNT NBR 14725: 2023)

Skin sensitisation, Category 1

### 2.2. GHS Label elements, including precautionary statements

#### GHS BR labelling

Hazard pictograms (GHS BR)



Signal word (GHS BR)

: Warning

Hazard statements (GHS BR)

: H317 - May cause an allergic skin reaction

Precautionary statements (GHS BR)

: P261 - Avoid breathing dust, fume, gas, mist, vapours or spray.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection and hearing protection.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P333+P313 - If skin irritation or rash occurs: Get medical advice or attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and international regulations.

### 2.3. Other hazards which do not result in classification

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	GHS Product identifier	Conc. (% w/w)	Classification according to GHS BR (ABNT NBR 14725: 2023)
2-methoxy-1-methylethyl acetate	CAS-No.: 108-65-6	0 – 20	Flam. Liq. 3, H226 Acute Tox. 5 (Dermal), H313 Aquatic Acute 3, H402

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Name	GHS Product identifier	Conc. (% w/w)	Classification according to GHS BR (ABNT NBR 14725: 2023)
MIXED XYLENES	CAS-No.: 1330-20-7	0 – 10	Flam. Liq. 3, H226 Acute Tox. 5 (Oral), H303 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:vapour), H332 Skin Irrit. 2, H315 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
ethylbenzene	CAS-No.: 100-41-4	0 – 10	Flam. Liq. 3, H226 Acute Tox. 5 (Oral), H303 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:vapour), H332 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
ANTI-SPARKLING ADDENDUM	CAS-No.: 108-83-8	0 – 10	Flam. Liq. 3, H226 Acute Tox. 5 (Oral), H303 Acute Tox. 5 (Dermal), H313 Acute Tox. 4 (Inhalation:vapour), H332 STOT SE 3, H335 Aquatic Acute 3, H402 Aquatic Chronic 3, H412
Fatty acids, C14-18 and C16-18-unsatd., maleated	CAS-No.: 85711-46-2	0.1 – 1	Skin Irrit. 2, H315 Eye Irrit. 2B, H320 Skin Sens. 1B, H317
2-methylpropan-1-ol; iso-butanol	CAS-No.: 78-83-1	0 – 1	Flam. Liq. 3, H226 Acute Tox. 5 (Oral), H303 Acute Tox. 5 (Dermal), H313 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H336 STOT SE 3, H335
MALEIC ANHYDRIDE	CAS-No.: 108-31-6	0.001 – 1	Acute Tox. 4 (Oral), H302 Acute Tox. 5 (Dermal), H313 Skin Corr. 1B, H314 Resp. Sens. 1, H334 Skin Sens. 1A, H317 STOT RE 1, H372 Aquatic Acute 3, H402 Aquatic Chronic 3, H412

## SECTION 4: First-aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures general	: People with over sensibility problems are not allowed to work or be exposed to the product.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: After contact with skin, take off immediately all contaminated clothing, and wash

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- First-aid measures after eye contact : immediately with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.  
: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- First-aid measures after ingestion : Do NOT induce vomiting. Rinse mouth out with water.

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

- Symptoms/effects : May cause an allergic skin reaction.
- Symptoms/effects after inhalation : Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.
- Symptoms/effects after skin contact : Cracking of the skin. Prolonged or repeated contact may cause skin to become dry.
- Symptoms/effects after eye contact : None under normal conditions.
- Symptoms/effects after ingestion : None under normal conditions.

### 4.3. Indication of any immediate medical attention and special treatment needed, if necessary

- Notes to physician : Treat symptomatically

## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

- Suitable extinguishing media : Water spray, dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>).
- Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Specific hazards arising from the chemical

- Fire hazard : In case of fire and/or explosion do not breathe fumes.
- Explosion hazard : No direct explosion hazard.

### 5.3. Special protective actions for fire-fighters

- Firefighting instructions : Fight fire with normal precautions from a reasonable distance. Do not enter fire area without proper protective equipment, including respiratory protection.
- Protection during firefighting : Wear recommended personal protective equipment.

## SECTION 6: Accidental release measures

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

- General measures : Avoid contact with skin and eyes. Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

#### 6.1.1. For non-emergency personnel

- Protective equipment : Wear recommended personal protective equipment.
- Emergency procedures : Evacuate area. Only qualified personnel equipped with suitable protective equipment may intervene. Notify fire brigade and environmental authorities.

#### 6.1.2. For emergency responders

- Protective equipment : Self-contained breathing apparatus. Total impervious protective suits, gloves, and boots must be worn to prevent any contact with the product. Equip cleanup crew with proper protection.
- Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

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### 6.3. Methods and materials for containment and cleaning up

- For containment : Stop leak without risks if possible. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
- Methods for cleaning up : Absorb spilled material with sand or earth.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.
- Precautions for safe handling : Do not get in eyes, on skin, or on clothing. Contaminated work clothing should not be allowed out of the workplace. Keep only in original container. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment.
- Hygiene measures : Take off immediately all contaminated clothing and wash it before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

- Storage conditions : Keep cool. Protect from sunlight.
- Packaging materials : Store always product in container of same material as original container.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

MIXED XYLENES 1330-20-7	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
Local name	Xylene, mixed isomers (Dimethylbenzene)
ACGIH® TLV® TWA	20 ppm
Remark (ACGIH)	TLV® Basis: Eye & URT irr; CNS impair; Hematologic eff; Ototoxicity (p-xylene). Notations: OTO (Ototoxicant) (p isomer); A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2025
<b>USA - ACGIH - Biological Exposure Indices</b>	
Local name	Xylene, all isomers (Dimethylbenzene)
BEI	0.3 g/g creatinine Parameter: Methylhippuric acids - Medium: urine - Sampling time: End of shift
Remark	Commercial or technical grade xylenes consist of mixtures of isomers and significant amounts of ethyl benzene as indicated under "Properties." Because ethyl benzene is known to reduce the metabolism of xylenes to methylhippuric acids, the BEI applies to technical or commercial grades of xylenes only. The determinants refer to the total of all isomers of methylhippuric acids
Regulatory reference	ACGIH 2025
<b>USA - OSHA - Occupational Exposure Limits</b>	
Local name	Xylenes (o-, m-, p-isomers)
OSHA PEL TWA	435 mg/m <sup>3</sup> 100 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

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ethylbenzene 100-41-4	
<b>USA - OSHA - Occupational Exposure Limits</b>	
Local name	Ethyl benzene
OSHA PEL TWA	435 mg/m <sup>3</sup>
	100 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
2-methylpropan-1-ol; iso-butanol 78-83-1	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
Local name	Isobutanol
ACGIH® TLV® TWA	50 ppm
Remark (ACGIH)	TLV® Basis: Skin & eye irr
Regulatory reference	ACGIH 2024
<b>USA - OSHA - Occupational Exposure Limits</b>	
Local name	Isobutyl alcohol
OSHA PEL TWA	300 mg/m <sup>3</sup>
	100 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
ANTI-SPARKLING ADDENDUM 108-83-8	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
Local name	Diisobutyl ketone
ACGIH® TLV® TWA	25 ppm
Remark (ACGIH)	TLV® Basis: URT & eye irr
Regulatory reference	ACGIH 2024
<b>USA - OSHA - Occupational Exposure Limits</b>	
Local name	Diisobutyl ketone
OSHA PEL TWA	290 mg/m <sup>3</sup>
	50 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
MALEIC ANHYDRIDE 108-31-6	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
Local name	Maleic anhydride
ACGIH® TLV® TWA	0.01 mg/m <sup>3</sup> (IFV - Inhalable fraction and vapor)
Remark (ACGIH)	TLV® Basis: Resp sens. Notations: DSEN; RSEN; A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2024
<b>USA - OSHA - Occupational Exposure Limits</b>	
Local name	Maleic anhydride
OSHA PEL TWA	1 mg/m <sup>3</sup>
	0.25 ppm

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### MALEIC ANHYDRIDE 108-31-6

Regulatory reference (US-OSHA)

OSHA Annotated Table Z-1

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

### 8.3. Individual protection measures

#### Personal protective equipment:

Wear recommended personal protective equipment.

#### Hand protection:

Nitrile rubber gloves

#### Eye protection:

Wear security glasses which protect from splashes

#### Skin and body protection:

Chemical resistant safety shoes. Long sleeved protective clothing. Or chemical resistant apron

#### Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

#### Personal protective equipment symbol(s):



## SECTION 9: Physical and chemical properties

### 9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Colour	: according to pigmentation
Odour	: characteristic
Odour threshold	: Not available
pH	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flash point	: Not available
Relative evaporation rate (butylacetate=1)	: Not available
Flammability	: Not available
Explosive limits	: Not available
Vapour pressure	: Not available
Relative vapour density at 20°C	: Not available
Relative density	: 1.4 approximately
Density	:
Solubility	: Material insoluble in water.

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Partition coefficient n-octanol/water (Log Kow)	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
Viscosity, kinematic	: 4000 – 6000 Seconds
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle specific surface area	: Not applicable

### MIXED XYLENES1330-20-7

Boiling point	138 °C Source: ICSC
Flash point	30 °C (ASTM D 93)
Auto-ignition temperature	≥ 528 °C Source: SRC
Vapour pressure	8.84 mm Hg at 25°C Source: SRC

### 2-methoxy-1-methylethyl acetate108-65-6

Boiling point	145.8 °C Atm. press.: 760 mm Hg Decomposition: 'no'
Flash point	45.5 °C Atm. press.: 101,3 kPa
Auto-ignition temperature	315 °C Source: International Uniform Chemical Information Database
Vapour pressure	3.75 mm Hg Source: National Institute of Technology and Evaluation

### ethylbenzene100-41-4

Boiling point	136.1 °C Atm. press.: 1013,3 mBar Decomposition: 'no'
Flash point	23 °C Atm. press.: 1013 hPa
Auto-ignition temperature	432 °C Source: ICSC
Vapour pressure	9.52 mbar Temp.: 20 °C

### 2-methylpropan-1-ol; iso-butanol78-83-1

Boiling point	108 °C Atm. press.: 1013 hPa
Flash point	31 °C Atm. press.: 1013 hPa
Auto-ignition temperature	415 °C Source: ECHA
Vapour pressure	< 16 hPa Temp.: 20 °C

### ANTI-SPARKLING ADDENDUM108-83-8

Boiling point	168 °C Source: ICSC
Flash point	49 °C Source: ICSC
Auto-ignition temperature	396 °C Source: ICSC
Vapour pressure	0.23 kPa at 20°C Source: ICSC

### MALEIC ANHYDRIDE108-31-6

Boiling point	202 °C Source: HSDB
Flash point	102 °C Source: ICSC

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### MALEIC ANHYDRIDE 108-31-6

Auto-ignition temperature	477 °C Source: ICSC
Vapour pressure	25 Pa

### 9.2. Data relevant with regard to physical hazard classes

No additional information available

### 9.3. Further safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

Chemical stability	: Stable under normal conditions of use.
Conditions to avoid	: Extremely high or low temperatures. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Incompatible materials	: No additional information available.
Possibility of hazardous reactions	: None under normal use.
Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Handling temperature	: No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

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

#### MIXED XYLENES (1330-20-7)

LD50 oral rat	3523 mg/kg Source: ECHA
LD50 dermal rabbit	12126 mg/kg bodyweight Animal: rabbit, Animal sex: male
LC50 Inhalation - Rat [ppm]	5922 ppm

#### 2-methoxy-1-methylethyl acetate (108-65-6)

LD50 oral rat	8532 mg/kg Source: International Uniform Chemical Information Database
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal rabbit	> 5000 mg/kg Source: International Uniform Chemical Information Database

#### ethylbenzene (100-41-4)

LD50 oral rat	≈ 3500 mg/kg bodyweight Animal: rat
LD50 dermal rabbit	> 20000 mg/kg Source: ECHA
LC50 Inhalation - Rat [ppm]	4000 ppm Source: ECHA, Harmonized classification of EU CLP

#### 2-methylpropan-1-ol; iso-butanol (78-83-1)

LD50 oral rat	2460 mg/kg Source: ECHA
LD50 dermal rabbit	2460 mg/kg Source: ECHA
LC50 Inhalation - Rat (Vapours)	19.6 mg/l Source: ECHA

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<b>ANTI-SPARKLING ADDENDUM (108-83-8)</b>	
LD50 oral rat	3200 mg/kg Source: ECHA
LD50 dermal rat	4556 mg/kg Source: ECHA
LC50 Inhalation - Rat (Vapours)	11.5 mg/l Source: ECHA
<b>MALEIC ANHYDRIDE (108-31-6)</b>	
LD50 oral rat	1030 mg/kg Source: ECHA
LD50 dermal rabbit	2620 mg/kg Source: ECHA
Skin corrosion/irritation	: Not available
<b>MIXED XYLENES (1330-20-7)</b>	
pH	7
Serious eye damage/irritation	: Not available
<b>MIXED XYLENES (1330-20-7)</b>	
pH	7
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not available
Carcinogenicity	: Not available
<b>MIXED XYLENES (1330-20-7)</b>	
IARC group	3 - Not classifiable
<b>ethylbenzene (100-41-4)</b>	
IARC group	2B - Possibly carcinogenic to humans
Reproductive toxicity	: Not available
STOT-single exposure	: Not available
<b>MIXED XYLENES (1330-20-7)</b>	
STOT-single exposure	May cause respiratory irritation.
<b>2-methylpropan-1-ol; iso-butanol (78-83-1)</b>	
STOT-single exposure	May cause drowsiness or dizziness. May cause respiratory irritation.
<b>ANTI-SPARKLING ADDENDUM (108-83-8)</b>	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not available
<b>MIXED XYLENES (1330-20-7)</b>	
LOAEL (oral, rat, 90 days)	150 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EPA OPP 82-1 (90-Day Oral Toxicity)
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
<b>2-methoxy-1-methylethyl acetate (108-65-6)</b>	
NOAEL (dermal, rat/rabbit, 90 days)	> 1000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)
<b>ethylbenzene (100-41-4)</b>	
NOAEL (oral, rat, 90 days)	75 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents)
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

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2-methylpropan-1-ol; iso-butanol (78-83-1)	
NOAEL (oral, rat, 90 days)	> 1450 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)

MALEIC ANHYDRIDE (108-31-6)	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not available

POLYPROOF PU AQUA 2K COMPONENT A	
Viscosity, kinematic	4000 – 6000 mm <sup>2</sup> /s

MIXED XYLENES (1330-20-7)	
Viscosity, kinematic	≈ 0.76 mm <sup>2</sup> /s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm <sup>2</sup> /s)'

2-methoxy-1-methylethyl acetate (108-65-6)	
Viscosity, kinematic	1.182 mm <sup>2</sup> /s

2-methylpropan-1-ol; iso-butanol (78-83-1)	
Viscosity, kinematic	3.87 mm <sup>2</sup> /s

ANTI-SPARKLING ADDENDUM (108-83-8)	
Viscosity, kinematic	1.073 mm <sup>2</sup> /s

### 11.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects	: May cause an allergic skin reaction.
Symptoms/effects after inhalation	: Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.
Symptoms/effects after skin contact	: Cracking of the skin. Prolonged or repeated contact may cause skin to become dry.
Symptoms/effects after eye contact	: None under normal conditions.
Symptoms/effects after ingestion	: None under normal conditions.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not available
Hazardous to the aquatic environment, long-term (chronic)	: Not available

MIXED XYLENES1330-20-7	
LC50 - Fish [1]	2.6 mg/l Source: ECHA
EC50 - Crustacea [1]	3.4 mg/l Test organisms (species): Ceriodaphnia dubia
ErC50 algae	2.2 mg/l
LOEC (chronic)	3.16 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	> 1.3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '56 d'

2-methoxy-1-methylethyl acetate108-65-6	
LC50 - Fish [1]	100 mg/l Test organisms (species): Oryzias latipes

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<b>2-methoxy-1-methylethyl acetate108-65-6</b>	
EC50 - Crustacea [1]	500 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	1000 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
NOEC (chronic)	≥ 100 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	47.5 mg/l Test organisms (species): Oryzias latipes Duration: '14 d'
<b>ethylbenzene100-41-4</b>	
LC50 - Fish [1]	5.1 mg/l Test organisms (species): Menidia menidia
EC50 72h - Algae [1]	5.4 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	4.9 mg/l Test organisms (species): Skeletonema costatum
EC50 96h - Algae [1]	3.6 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [2]	7.7 mg/l Test organisms (species): Skeletonema costatum
LOEC (chronic)	1.7 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d'
NOEC (chronic)	0.96 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d'
<b>2-methylpropan-1-ol; iso-butanol78-83-1</b>	
LC50 - Fish [1]	1430 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	1100 mg/l Test organisms (species): Daphnia pulex
EC50 72h - Algae [1]	593 mg/l Source: ECHA
NOEC (chronic)	20 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
<b>ANTI-SPARKLING ADDENDUM108-83-8</b>	
LC50 - Fish [1]	30 mg/l Source: ECHA
ErC50 algae	46.9 mg/l Source: ECHA
<b>MALEIC ANHYDRIDE108-31-6</b>	
LC50 - Fish [1]	75 mg/l Source: ECHA
EC50 - Crustacea [1]	330 mg/l Source: ECHA
EC50 72h - Algae [1]	150 mg/l Source: ECHA

### 12.2. Persistence and degradability

<b>POLYPROOF PU AQUA 2K COMPONENT A</b>	
Persistence and degradability	Not rapidly degradable
<b>MIXED XYLENES1330-20-7</b>	
Persistence and degradability	Not rapidly degradable
<b>Fatty acids, C14-18 and C16-18-unsatd., maleated85711-46-2</b>	
Persistence and degradability	Not rapidly degradable
<b>2-methoxy-1-methylethyl acetate108-65-6</b>	
Persistence and degradability	Not rapidly degradable

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ethylbenzene100-41-4	
Persistence and degradability	Not rapidly degradable
2-methylpropan-1-ol; iso-butanol78-83-1	
Persistence and degradability	Not rapidly degradable
ANTI-SPARKLING ADDENDUM108-83-8	
Persistence and degradability	Not rapidly degradable
MALEIC ANHYDRIDE108-31-6	
Persistence and degradability	Not rapidly degradable

### 12.3. Bioaccumulative potential

MIXED XYLENES1330-20-7	
Partition coefficient n-octanol/water (Log Pow)	3.15 Source: HSDB
2-methoxy-1-methylethyl acetate108-65-6	
Partition coefficient n-octanol/water (Log Pow)	0.43 Source: International Uniform Chemical Information Database
ethylbenzene100-41-4	
Partition coefficient n-octanol/water (Log Pow)	3.15 Source: HSDB
2-methylpropan-1-ol; iso-butanol78-83-1	
Partition coefficient n-octanol/water (Log Pow)	0.8 Source: ChemIDPlus
ANTI-SPARKLING ADDENDUM108-83-8	
Partition coefficient n-octanol/water (Log Pow)	2.56 Source: 3
MALEIC ANHYDRIDE108-31-6	
Partition coefficient n-octanol/water (Log Pow)	1.62 Source: HSDB

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Hazardous to the ozone layer : Not available

## SECTION 13: Disposal considerations

Waste treatment methods	: Must follow special treatment according to local regulation.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.
Additional information	: Do not re-use empty containers.

## SECTION 14: Transport information

### 14.1 National and international Regulations

In accordance with IMDG / IATA / ANTT

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ANTT	IMDG	IATA
<b>UN number</b>		
Not regulated for transport		
<b>UN Proper Shipping Name</b>		
Not regulated	Not regulated	Not regulated
<b>Transport hazard class(es)</b>		
Not regulated	Not regulated	Not regulated
<b>Danger labels</b>		
Not regulated	Not regulated	Not regulated
<b>Subsidiary risk</b>		
Not regulated	Not regulated	Not regulated
<b>Risk Number</b>		
Not regulated	Not regulated	Not regulated
<b>Packing group</b>		
Not regulated	Not regulated	Not regulated
<b>Special provisions</b>		
Not regulated	Not regulated	Not regulated
<b>Dangerous for the environment</b>		
Not regulated	Not regulated	Not regulated

### 14.2 Other informations

No additional information available

## SECTION 15: Regulatory information

### 15.1. National regulations

Brazil Local Regulations

: Standard ABNT NBR 14725.  
Federal Decree no. 10.088, of 5 November 2019 – Promulgates Convention no. 170 of the WLO, relating to Safety in the Use of Chemicals in the Workplace, ratified by the Federative Republic of Brazil.  
Ministerial Order no. 2.770, of 5 September 2022 – Approves the new wording of Regulatory Standard No. 26  
Federal Decree no. 96.044, of 18 May 1988 - Approves Regulations for Road Transportation of Hazardous Materials  
Resolution no. 5998, of 03 November 2022, updates the regulation for road transport of dangerous goods, approves its Complementary Instructions, and other measures.  
Law No. 12.305, of August 2, 2010 (National Policy on Solid Waste)

## SECTION 16: Other information

Abbreviations and acronyms

: CAS-No. - Chemical Abstract Service number  
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  
BCF - Bioconcentration factor

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EC50 - Median effective concentration  
LC50 - Median lethal concentration  
VOC - Volatile Organic Compounds  
LD50 - Median lethal dose  
DMEL - Derived Minimal Effect level  
DNEL - Derived-No Effect Level  
COD - Chemical oxygen demand (COD)  
ATE - Acute Toxicity Estimate  
IMDG - International Maritime Dangerous Goods  
IATA - International Air Transport Association  
EC-No. - European Community number  
vPvB - Very Persistent and Very Bioaccumulative  
WGK - Water Hazard Class  
IOELV - Indicative Occupational Exposure Limit Value  
BLV - Biological limit value  
TRGS - Technical Rules for Hazardous Substances  
TLM - Median Tolerance Limit  
IARC - International Agency for Research on Cancer

Important information, but not specifically described in the previous sections: This MSDS was prepared based on current knowledge about the handling of the product under normal conditions of use, according to the application specified on the packaging and recommended usage in Section 1 of this MSDS. Any other use of the product involving its combination with other materials, as well as forms of use different from those indicated, are the user's responsibility. The company advises that the handling of any chemical substance requires prior knowledge of its hazards by the user. In the workplace it is responsibility of the company user of the product to provide training of its employees and contractors about the possible risks arising from exposure to the chemical. We reserve the right to change the information contained in this document without prior notice, due to the improvement and continuous evolution of the product and technical knowledge.

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