

SAFETY DATA SHEET

1. IDENTIFICACIÓN DEL PRODUCTO

| | |
|----------------------------|-----------------------------|
| NOMBRE DEL PRODUCTO | BASIC Primer 2K 4:1 UHS VOC |
| CÓDIGO | 020021 (grey) RAL 7040 |

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture:

CLP Regulation (EC) n°1272/2008

Classification of this product has been carried out in accordance with CLP Regulation n° 1272/2008

| | |
|--------------------|---|
| H319 Eye Irrit. 2 | Eye irritation, Category 2, |
| H225 Flam. Liq. 2 | Flammable liquids, Category 2 |
| H315 Skin Irrit. 2 | Skin irritation, Category 2 |
| H373 STOT RE 2 | Specific target organ toxicity if swallowed, repeated exposure, Category 2. |

2.2 Label elements

CLP Regulation (EC) No 1272/2008

Danger



Warning word: Danger

Hazard statements

| | |
|------|--|
| H319 | Causes serious eye irritation. |
| H225 | Highly flammable liquid and vapour. |
| H315 | Causes skin irritation. |
| H373 | May cause damage to organs through prolonged or repeated exposure (Oral) |

Precautionary statements:

| | |
|----------------|--|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P302+P352 | IF ON SKIN: Wash with plenty of water. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P370+P378 | In case of fire: Use ABC powder extinguisher to extinguish. |
| P501 | Dispose of the contents/containers in accordance with the current legislation on waste treatment |

Substances that contribute to the classification

Xylene

2.3 Other hazards

Product fails to meet PBT/vPvB













PBT: Non applicable







vPvB: Non applicable.

3.COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture

Chemical description: Mixture composed of additives, aggregates, pigments, plasticizers and resins in solvents. In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

| Identification | | |
|--|---|-----------|
| CAS: 1330-20-7 CE: 215-535-7 Index: 601-022-00-9 REACH: 01-2119488216-32-xxxx | Xylene ¹  Acute Tox. 4: H312+H332; Asp. Tox. 1: H304 Skin Irrit. 2: H315 STOT SE 3 H335 Eye Irrit. 2: H319  Flam. Liq. 3: H226  STOT RE 2: H373 | 10 - <25% |
| CAS: 141-78-6 CE: 205-500-4 Index: 607-022-00-5 REACH: 01-2119475103-46-xxxx | Ethyl acetate ¹  Eye Irrit. 2: H319 STOT SE 3: H336  Flam. Liq. 2: H225 | 2,5 - <5% |
| CAS: 108-65-6 CE: 203-603-9 Index: 607-195-00-7 REACH: 01-2119475791-29-xxxx | 2-methoxy-1-methylethyl acetate ²  Flam. Liq. 3: H226 | 2,5 - <5% |
| CAS: 78-93-3 CE: 201-159-0 Index: 06-002-00-3 REACH: 01-2119457290-43-XXXX | 2-butanone ¹  Eye Irrit. 2: H319 STOT SE 3: H336  Flam. Liq. 2: H225 | 1 - <2,5% |
| CAS: 108-10-1 CE: 203-550-1 Index: 606-004-00-4 REACH: 01-2119473980-30-XXXX | 4-methylpentan-2-one ¹  Acute Tox. 4: H332 STOT SE 3: H335 Eye Irrit. 2: H319  Flam. Liq. 2: H225 | 2,5% - 5% |
| CAS: :123-86-4 CE: 204-658-1 Index: 607-025-00-1 REACH: 01-2119485493-29-XXXX | N-butyl acetate ²  Flam. Liq. 3: H226  STOT SE 3: H336 | 1 - <2,5% |

| | | |
|---|---|--------|
| CAS: 100-41-4 CE: 202-849-4 Index: 601-023-00-4 REACH: 01-2119489370-35-XXXX | Ethylbenzene ³  Acute Tox. 4: H332 Asp. Tox. 1: H304  Flam. Liq. 2: H225  STOT RE 2: H373 | <0,2% |
| CAS: 77-58-7 CE: 201-039-8 Index: No aplicable REACH: 01-2119496068-27-XXXX | Dibutyltin Dilaurate ³  Aquatic Acute 1: H400 Aquatic Chronic 1: H410  Mute. 2: H341 Repr. 1B: H360 STOT RE 1: H372  Skin Corr. 1C: H314 Skin Sens. 1: H317 STOT SE 1: H370 | <0,2 % |

¹ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2015/830.

² Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2015/830.

³ Substance with a Union workplace exposure limit.

To obtain more information on the risk of the substances consult sections 8, 11, 12, 15 and 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By skin contact

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection

By eye contact

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.

By ingestion/aspiration

Do not induce vomiting, but if it does happen the head up to avoid inhalation. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Non-applicable.

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

If possible, use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO₂). IT IS RECOMMENDED NOT to use tap water as an extinguishing agent.

5.2. Special hazards arising from the substance or mixture

As a result of combustion or thermal decomposition reactive subproducts are created (CO₂, CO, NO_x,) that can become highly toxic and, consequently, can present a serious health risk.

5.3. Advice for firefighters

Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the split product (see section 8). Above all prevent the formation of any vapour-air flammable mixtures, though either ventilation or the use of an inert agent. Destroy any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

6.2. Environmental precautions

This product is not classified as dangerous to the environment. Keep product away from drains, surface and underground water.

6.3. Methods and material for containment and cleaning up

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents.

For any concern related to disposal consult section 13.

6.4. Reference to other sections

See sections 8 and 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

General precautions

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

Prevention of fires and explosions

Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inert systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems defined in Directive 94/9/EC (ATEX 100) and with the minimum requirements for protecting the security and health of workers under the selection criteria of Directive 1999/92/EC (ATEX 137). Consult section 10 for conditions and materials that should be avoided.

Technical recommendations to prevent ergonomic and toxicological risks

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3).

7.2 Conditions for safe storage, including any incompatibilities

Technical measures for storage

| | |
|---------------------|-----------|
| Minimum temperature | 5°C |
| Maximum temperature | 30°C |
| Maximum time | 24 months |

Storage

Avoid sources of heat, radiation, static electricity and contact with food.
 For additional information see subsection 10.5

7.3 Specific end use

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Substances whose occupational exposure limits have to be monitored in the work environment

| Identification | Environmental limits | | |
|---|----------------------|--------|---|
| | VLA-ED | VLA-EC | |
| Xylene CAS: 1330-20-7 CE: 215-535-7 | 50ppm | 100ppm | 221mg/m ³ 442mg/m ³ |
| 2-methoxy-1-methylethyl acetate CAS: 108-65-6 CE: 203-603-9 | 50ppm | 100ppm | 275mg/m ³ 550mg/m ³ |
| 2-butanone CAS: 78-93-3 CE: 201-159-0 | 200ppm | 300ppm | 600mg/m ³ 900mg/m ³ |
| 4-metilpentan-2-one CAS: 108-10-1 CE: 203-550-1 | 20ppm | 50ppm | 83mg/m ³ 208mg/m ³ |
| Ethyl acetate CAS: 141-78-6 CE: 205-500-4 | 200ppm | 400ppm | 734mg/m ³ 1468mg/m ³ |
| Dibutyltin Dilaurate CAS: 77-58-7 CE: 201-039-8 | -- | -- | -- |
| Ethylbenzene CAS: 100-41-4 CE: 202-849-4 | 100ppm | 200ppm | 441mg/m ³ 884mg/m ³ |

DNEL (Workers)

| Identification | | Short exposure | | Long exposure | |
|---|------------|-----------------------|-----------------------|----------------------|----------------------|
| | | Systemic | Local | Systemic | Local |
| Xylene CAS: 1330-20-7 CE: 215-535-7 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 180mg/Kg. | Non-applicable |
| | Inhalation | 289mg/m ³ | 289mg/m ³ | 77mg/m ³ | Non-applicable |
| Ethyl acetate CAS: 141-78-6 CE: 205-500-4 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 63mg/kg | Non-applicable |
| | Inhalation | 1468mg/m ³ | 1468mg/m ³ | 734mg/m ³ | 734mg/m ³ |
| 2-methoxy-1-methylethyl acetate CAS: 108-65-6 CE: 203-603-9 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 153,5mg/Kg. | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 275mg/m ³ | Non-applicable |
| 4-methylpentan-2-one CAS: 108-10-1 CE: 203-550-1 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 11,8mg/kg | Non-applicable |
| | Inhalation | 208mg/m ³ | 208mg/m ³ | 83mg/m ³ | 83mg/m ³ |
| 2-butanone CAS: 78-93-3 CE: 201-19-0 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 1161mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 600mg/m ³ | Non-applicable |

| | | | | | |
|--|------------|------------------------|----------------------|------------------------|----------------------|
| N-butyl acetate CAS: 123-86-4 CE: 204-658-1 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Inhalation | 960mg/m ³ | 960mg/m ³ | 480mg/m ³ | 480mg/m ³ |
| Ethylbenzene CAS: 100-41-4 CE: 202-849-4 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 180mg/Kg. | Non-applicable |
| | Inhalation | Non-applicable | 293mg/m ³ | 77mg/m ³ | Non-applicable |
| Dibutyltin Dilaurate CAS:77-58-7 CE: 201-039-8 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | 1 mg/kg | Non-applicable | 0,2 mg/kg | Non-applicable |
| | Inhalation | 0,07 mg/m ³ | Non-applicable | 0,01 mg/m ³ | Non-applicable |

DNEL (General population)

| Identification | | Short exposure | | Long exposure | |
|---|------------|------------------------|------------------------|-------------------------|-------------------------|
| | | Systemic | Local | Systemic | Local |
| Xylene CAS:1330-20-7 CE: 215-535-7 | Oral | Non applicable | Non applicable | 1,6mg/Kg. | Non-applicable |
| | Dermal | Non applicable | Non applicable | 108mg/Kg. | Non-applicable |
| | Inhalation | 174mg/m ³ | 174mg/m ³ | 14,8mg/m ³ | Non-applicable |
| Ethyl acetate CAS: 141-78-6 CE: 205-500-4 | Oral | Non-applicable | Non-applicable | 4,5mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 37mg/kg | Non-applicable |
| | Inhalation | 734mg/m ³ | 734mg/m ³ | 367mg/m ³ | 367mg/m ³ |
| 2-methoxy-1-methylethyl acetate CAS: 108-65-6 CE: 203-603-9 | Oral | Non-applicable | Non-applicable | 1,67mg/Kg. | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 54,8mg/Kg. | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 33mg/m ³ | Non-applicable |
| 4-methylpentan-2-one CAS: 108-10-1 CE: 203-550-1 | Oral | Non-applicable | Non-applicable | 4,2mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 4,2mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 14,7mg/m ³ | Non-applicable |
| 2-butanone CAS: 78-93-3 CE: 201-19-0 | Oral | Non-applicable | Non-applicable | 31mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 412mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 106mg/m ³ | Non-applicable |
| N-butyl acetate CAS: 123-86-4 CE: 204-658-1 | Oral | Non-applicable | Non-applicable | Non applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Inhalation | 859,7mg/m ³ | 859,7mg/m ³ | 102,34mg/m ³ | 102,34mg/m ³ |
| Ethylbenzene CAS: 100-41-4 CE: 202-849-4 | Oral | Non-applicable | Non-applicable | 1,6mg/Kg. | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 15mg/m ³ | Non-applicable |
| Dibutyltin Dilaurate CAS:77-58-7 CE: 201-039-8 | Oral | 0,01 mg/kg | Non-applicable | 0,002 mg/kg | Non-applicable |
| | Dermal | 0,5 mg/kg | Non-applicable | 0,08 mg/kg | Non-applicable |
| | Inhalation | 0,02 mg/m ³ | Non-applicable | 0,003 mg/m ³ | Non-applicable |

PNEC

| Identification | | | | |
|---|-------------|----------------|-------------------------|-------------|
| Xylene (mezc isom.) CAS:1330-20-7 CE: 215-535-7 | STP | 6,58mg/L | Fresh water | 0,327mg/L |
| | Soil | 2,31mg/Kg. | Marine water | 0,327mg/L |
| | Intermitter | 0,327 mg/L | Sediment (fresh water) | 12,46mg/Kg. |
| | Oral | Non applicable | Sediment (marine water) | 12,46mg/Kg. |
| Ethyl acetate CAS: 141-78-6 CE: 205-500-4 | STP | 650mg/L | Fresh water | 0,24mg/L |
| | Soil | 0,148mg/kg | Marine water | 0,024mg/L |
| | Intermitter | 1,65mg/L | Sediment (fresh water) | 1,15mg/kg |
| | Oral | 1,65mg/L | Sediment (marine water) | 0,115mg/kg |

| | | | | |
|---|-------------|----------------|-------------------------|----------------|
| 2-methoxy-1-methylethyl acetate CAS: 108-65-6 CE: 203-603-9 | STP | 100mg/L | Fresh water | 0,635mg/L |
| | Soil | 0,29mg/Kg. | Marine water | 0,0635mg/L |
| | Intermitter | 6,35mg/L | Sediment (fresh water) | 3,29mg/Kg. |
| | Oral | Non applicable | Sediment (marine water) | 0,329mg/Kg. |
| 4-methylpentan-2-one CAS: 108-10-1 CE: 203-550-1 | STP | 27,5mg/L | Fresh water | 0,6mg/L |
| | Soil | 1,3mg/kg | Marine water | 0,06mg/L |
| | Intermitter | 1,5mg/L | Sediment (fresh water) | 8,27mg/Kg |
| | Oral | Non applicable | Sediment (marine water) | 0,83mg/Kg |
| 2-butanone CAS: 78-93-3 CE: 201-159-0 | STP | 709mg/L | Fresh water | 55,8mg/L |
| | Soil | 22,5mg/Kg. | Marine water | 55,8mg/L |
| | Intermitter | 55,8mg/L | Sediment (fresh water) | 284,74mg/Kg. |
| | Oral | 1000g/kg | Sediment (marine water) | 284,7mg/Kg. |
| n-butyl acetate CAS: 123-86-4 CE: 204-658-1 | STP | 35,6mg/L | Fresh water | 0,18mg/L |
| | Soil | 0,0903mg/Kg | Marine water | 0,018mg/L |
| | Intermitter | 0,36mg/L | Sediment (fresh water) | 0,981mg/kg |
| | Oral | Non applicable | Sediment (marine water) | 0,0981mg/kg |
| Ethylbenzene CAS: 100-41-4 CE: 202-849-4 | STP | 9,6mg/L | Fresh water | 0,1mg/L |
| | Soil | 2,68mg/Kg. | Marine water | 0,01mg/L |
| | Intermitter | 0,1mg/L | Sediment (fresh water) | 13,7mg/Kg. |
| | Oral | 20g/Kg. | Sediment (marine water) | 1,37mg/Kg. |
| Dibutyltin Dilaurate CAS: 77-58-7 EC: 201-039-8 | STP | 100 mg/L | Fresh water | 0,000463 mg/L |
| | Soil | Non applicable | Marine water | 0,000463 mg/L |
| | Intermitter | 0,00463 mg/L | Sediment (fresh water) | Non applicable |
| | Oral | 0,2 g/kg | Sediment (marine water) | Non applicable |

8.2 Exposure controls

General security and hygiene measures in the work place

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Directive 89/686/EC. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1 and 7.2.

All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.



Respiratory protection:

Filter mask for particles

Replace when an increase in resistance to breathing is observed.



Ocular and facial protection

Panoramic glasses against splash/projections

Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing



Specific protection for the hands

Protective gloves against minor risks.

As the product is a mixture of several substances, the resistance of the glove material cannot be predicted in advance with total reliability and has therefore to be checked prior to the application"

Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN 420 and EN 374.



Body protection

Antistatic and fireproof protective clothing

Limited protection against flames.

Safety footwear with antistatic and heat resistant properties.

Replace boots at any sign of deterioration.

Additional emergency measures

Emergency shower

ANSI Z358-1

ISO 3864-1:2002

Eyewash stations

DIN 12 899

ISO 3864-1:2002

Environmental exposure controls

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container.

For additional information see subsection 7.1.D

Volatile organic compounds

With regard to Directive 2010/75/EU, this product has the following characteristics

| | |
|--------------------------|---------------------------------------|
| V.O.C. (Supply): | 27,71% peso |
| V.O.C. density at 20°C | 440,62 kg/m ³ (440,62 g/L) |
| Average carbon number | 6,67 |
| Average molecular weight | 103,89 g/mol |

With regard to Directive 2004/42/EC, this product which is ready to use has the following characteristics:

| | |
|-------------------------------------|---------------------------------------|
| V.O.C. (Supply): | -- |
| V.O.C. density at 20°C | 492 kg/m ³ (492 g/L) |
| EU limit for the product (Cat.B.C): | 540 g/L (2010) |
| Components | (Organic diluent); (Hardener solvent) |

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

| | |
|------------------------|---------|
| Physical state at 20°C | Liquid |
| Appearance | Viscous |
| Colour | Grey |

| | |
|--|------------------|
| Odour | Solvent |
| Boiling point at atmospheric pressure | 117°C |
| Vapour pressure at 20°C | 3312 Pa |
| Vapour pressure at 50°C | 13411 Pa (13kPa) |
| Evaporation rate at 20°C | Non applicable* |
| Density at 20°C | 1540-1640 Kg/m3 |
| Relative density at 20°C | 1,54-1,64 |
| Dynamic viscosity at 20°C | 1845-1739 cP |
| Kinematic viscosity at 20°C | 1127 cSt |
| Kinematic viscosity at 40°C | >20,5 cSt |
| Concentration | Non applicable* |
| pH | Non applicable* |
| Density pressure at 20°C | Non applicable* |
| Partition coefficient n-octanol/water 20°C | Non applicable* |
| Solubility in water at 20°C | Non applicable* |
| Solubility proprieties | Immiscible |
| Decomposition temperature | Non applicable* |
| Flash point | 18°C |
| Autoignition temperature | 315°C |
| Lower explosible limit | Not determined |
| Upper explosive limit | Not determined |
| Surface tension at 20°C | Non applicable* |
| Refraction index | Non applicable* |

*Not relevant due to the nature of the product, not providing information property of its hazards.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

10.2 Chemical stability:

Chemically stable under the conditions of storage, handling and use

10.3 Possibility of hazardous reactions

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid

Applicable for handling and storage at room temperature

| | |
|--------------------------|---------------------|
| Shock and friction: | Not applicable |
| Contac with air | Not applicable |
| Increase in temperature: | Risk of combustion |
| Sunlight: | Avoid direct impact |
| Humidity: | Non applicable |

10.5 Incompatible materials:

| | |
|-----------------------|-------------------------------|
| Acids | Avoid strong acids |
| Water: | Not applicable |
| Combustive materials | Avoid direct impact |
| Combustible materials | Not applicable |
| Others | Avoid alkalis or strong bases |

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

The experimental information related to the toxicological properties of the product itself is not available.

Dangerous health implications

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure.

Ingestion

Acute toxicity

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.

Corrosivity/irritability:

The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting

Inhalation

Acute toxicity:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.

Corrosivity/irritability:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.

Contact with skin and eyes:

- **Contact with skin**

Produces skin inflammation.

- **Contact with eyes:**

Produces eye damage after contact.

CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

Carcinogenicity:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.

Mutagenicity:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.

Toxicity to reproduction:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.

Sensitizing effects

Respiratory

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.

Cutaneous:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.

Specific target organ toxicity (STOT) - single exposure

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.

Specific target organ toxicity (STOT)-repeated exposure:

Exposure in high concentration can interfere with the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.

Skin:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection

Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.

11.2 Other information:

No further relevant information available.

11.3 Specific toxicology information on the substances

| Identification | | | |
|---|-----------------|----------------------|--------|
| Xylene CAS: 1330-20-7 CE: 215-535-7 | DL50 oral | 2100mg/Kg. | Rat |
| | DL50 dermal | 1100mg/Kg. (ATEi) | Rat |
| | CL50 inhalation | 11mg/L (4h) (ATE) | |
| 2-methoxy-1-methylethyl acetate CAS: 108-65-6 CE: 203-603-9 | DL50 oral | 8532mg/Kg. | Rat |
| | DL50 dermal | 5100mg/Kg. | Rat |
| | CL50 inhalation | 30 mg/L (4h) | Rat |
| 2-butanone CAS: 78-93-3 CE: 201-19-0 | DL50 oral | 4000mg/kg | Rat |
| | DL50 dermal | 6400mg/kg | Rabbit |
| | CL50 inhalation | 23,5mg/L (4h) | Rat |
| 4-methylpentan-2-one CAS: 108-10-1 CE: 203-550-1 | DL50 oral | 2080 mg/kg | |
| | DL50 dermal | >2000 mg/kg | |
| | CL50 inhalation | 11mg/L (4h) (ATE) | |
| N-butyl acetate CAS: 123-86-4 CE: 204-658-1 | DL50 oral | 12789 mg/kg | Rat |
| | DL50 dermal | 14112 mg/kg | Rabbit |
| | CL50 inhalation | 23,4 mg/L (4h) | Rat |
| Ethyl acetate CAS: 141-78-6 CE: 205-500-4 | DL50 oral | 4100 mg/kg | Rat |
| | DL50 dermal | 20000 mg/kg | Rabbit |
| | CL50 inhalation | >20 mg/L (4h) | |
| Ethylbenzene CAS: 100-41-4 CE: 202-849-4 | DL50 oral | 3500 mg/kg | Rat |
| | DL50 dermal | 15354 mg/kg | Rabbit |
| | CL50 inhalation | 17,2 mg/L (4h) | Rat |
| Dibutyltin Dilaurate CAS: 77-58-7 CE: 201-039-8 | DL50 oral | 175 mg/kg | Rat |
| | DL50 dermal | >2000 mg/kg | |
| | CL50 inhalation | >20 mg/L | |

| Acute Toxicity Estimate (ATE mix) | | |
|-----------------------------------|--------------------------------------|----------------|
| Oral | >2000 mg/kg (Calculation method) | Non applicable |
| Dermal | 7157,93 mg/kg (Calculation method) | 0% |
| Inhalation | 63.34 mg/L (4h) (Calculation method) | 0% |

12. ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available.

12.1 Toxicity

| Identification | | | | |
|---|------|--------------------|-------------------------|------------|
| Xylene CAS: 1330-20-7 CE: 215-535-7 | CL50 | 13,5mg/L (96h) | Oncorhynchus mykiss | Fish |
| | CE50 | 3,4mg/L (48h) | Ceriodaphnia dubia | Crustacean |
| | CE50 | 10mg/L (72h) | Skeletonema costatum | Algae |
| Ethyl acetate CAS: 141-78-6 CE: 205-500-4 | CL50 | 230mg/L (96h) | Pimephales promelas | Fish |
| | CE50 | 717mg/L (48h) | Daphnia magna | Crustacean |
| | CE50 | 3300mg/L (48h) | Scenedesmus subspicatus | Algae |
| 2-methoxy-1-methylethyl acetate CAS: 108-65-6 CE: 203-603-9 | CL50 | 161mg/L (96h) | Pimephales promelas | Fish |
| | CE50 | 481mg/L (48h) | Daphnia sp. | Crustacean |
| | CE50 | Non applicable | | Algae |
| 4-methylpentan- 2-one CAS: 108-10-1 CE: 203-550-1 | CL50 | 900mg/L (48h) | Leuciscus idus | Fish |
| | CE50 | 862mg/L (24h) | Daphnia magna | Crustacean |
| | CE50 | 980mg/L (48h) | Scenedesmus subspicatus | Algae |
| 2-butanone CAS: 78-93-3 CE: 201-19-0 | CL50 | 3220mg/L (96h) | Pimephales promelas | Fish |
| | CE50 | 5091mg/L (48h) | Daphnia magna | Crustacean |
| | CE50 | 4300mg/L (168h) | Scenedesmus quadricauda | Algae |
| N-butyl acetate CAS: 123-86-4 CE: 204-658-1 | CL50 | 62mg/L (96h) | Leuciscus idus | Fish |
| | CE50 | 73mg/L (24h) | Daphnia magna | Crustacean |
| | CE50 | 675mg/L (72h) | Scenedesmus subspicatus | Algae |
| Ethylbenzene CAS: 100-41-4 CE: 202-849-4 | CL50 | 42,3mg/L (96h) | Pimephales promelas | Fish |
| | CE50 | 75mg/L (48h) | Daphnia magna | Crustacean |
| | CE50 | 63mg/L (3h) | Chlorella vulgaris | Algae |
| Dibutyltin Dilaurate CAS: 77-58-7 CE: 201-039-8 | CL50 | 0,1 – 1 mg/L (96h) | -- | Fish |
| | CE50 | 0,1 – 1 mg/L | -- | Crustacean |
| | CE50 | 0,1 – 1 mg/L | -- | Algae |

12.2 Persistence and degradability

| Identification | Degradability | | Biodegradability | |
|----------------|---|----------------|------------------|---------------|
| | Xylene CAS: 1330-20-7 CE: 215-535-7 | DBO5 | Non applicable | Concentration |
| | DQO | Non applicable | Period | 28 days |
| | DBO5/DQO | Non applicable | % Biodegradable | 88% |

| | | | | |
|---|----------|----------------|-----------------|----------------|
| Ethyl acetate CAS: 141-78-6 CE: 205-500-4 | DBO5 | 1.36 g O2/g | Concentration | 100mg/L |
| | DQO | 1.69 g O2/g | Period | 14 days |
| | DBO5/DQO | 0.81 | % Biodegradable | 83% |
| 2-methoxy-1-methylethyl acetate CAS: 108-65-6 CE: 203-603-9 | DBO5 | Non applicable | Concentration | 785mg/L |
| | DQO | Non applicable | Period | 8 days |
| | DBO5/DQO | Non applicable | % Biodegradable | 100% |
| 4-methylpentan-2-one CAS: 108-10-1 CE: 203-550-1 | DBO5 | 2.06 g O2/g | Concentration | 100mg/L |
| | DQO | 2.16 g O2/g | Period | 14 days |
| | DBO5/DQO | 0.95 | % Biodegradable | 84% |
| 2-butanone CAS: 78-93-3 CE: 201-19-0 | DBO5 | 2.03 g O2/g | Concentration | Non applicable |
| | DQO | 2.31 g O2/g | Period | 20 days |
| | DBO5/DQO | 0.88 | % Biodegradable | 89% |
| N-butyl acetate CAS: 123-86-4 CE: 204-658-1 | DBO5 | Non applicable | Concentration | Non applicable |
| | DQO | Non applicable | Period | 5 days |
| | DBO5/DQO | 0,79 | % Biodegradable | 84% |
| Ethylbenzene CAS: 100-41-4 CE: 202-849-4 | DBO5 | Non applicable | Concentration | 100mg/L |
| | DQO | Non applicable | Period | 14 days |
| | DBO5/DQO | Non applicable | % Biodegradable | 90% |
| Dibutyltin Dilaurate CAS:77-58-7 CE: 201-039-8 | DBO5 | 0.00054 g O2/g | Concentration | 100mg/L |
| | DQO | Non applicable | Period | 28 days |
| | DBO5/DQO | Non applicable | % Biodegradable | 50% |

12.3 Bioaccumulative potential

| Identification | Bioaccumulative potential | |
|---|---------------------------|----------|
| | | |
| Xylene CAS:1330-20-7 CE: 215-535-7 | BCF | 9 |
| | Log POW | 2,77 |
| | Potential | Low |
| Ethyl acetate CAS: 141-78-6 CE: 205-500-4 | BCF | 30 |
| | Log POW | 0,73 |
| | Potential | Moderate |
| 2-methoxy-1-methylethyl acetate CAS: 108-65-6 CE: 203-603-9 | BCF | 1 |
| | Log POW | 0,43 |
| | Potential | Low |
| 4-methylpentan-2-one CAS: 108-10-1 CE: 203-550-1 | BCF | 2 |
| | Log POW | 1,31 |
| | Potential | Low |
| 2-butanone CAS: 78-93-3 CE: 201-19-0 | BCF | 3 |
| | Log POW | 0,29 |
| | Potential | Low |
| N-butyl acetate CAS: 123-86-4 CE: 204-658-1 | BCF | 4 |
| | Log POW | 1,78 |
| | Potential | Low |
| Ethylbenzene CAS: 100-41-4 CE: 202-849-4 | BCF | 1 |
| | Log POW | 3,15 |
| | Potential | Low |
| Dibutyltin Dilaurate CAS:77-58-7 CE: 201-039-8 | BCF | 31 |
| | Log POW | 3,12 |
| | Potential | Moderate |

12.4 Mobility in soil

| Identification | Absorption/Desorption | | Volatility | |
|--|-----------------------|----------------------|------------|-------------------------------|
| | Koc | | Henry | |
| Xylene (mezc isom.) CAS: 1330-20-7 CE: 215-535-7 | Koc | 202 | Henry | 524,86 Pa m ³ /mol |
| | Conclusion | Moderate | Dry soil | Yes |
| | Surface tension | Non applicable | Moist soil | Yes |
| Ethyl acetate CAS: 141-78-6 CE: 205-500-4 | Koc | 59 | Henry | 13,58 Pa·m ³ /mol |
| | Conclusion | Very high | Dry soil | Yes |
| | Surface tension | 2,324E-2 N/m (25°C) | Moist soil | Yes |
| 4-methylpentan-2-one CAS: 108-10-1 CE: 203-550-1 | Koc | Non applicable | Henry | Non applicable |
| | Conclusion | Non applicable | Dry soil | Non applicable |
| | Surface tension | 2,35 E-2 N/m (25°C) | Moist soil | Non applicable |
| 2-butanone CAS: 78-93-3 CE: 201-19-0 | Koc | 30 | Henry | 5,77 Pa m ² /mol |
| | Conclusion | Very high | Dry soil | Yes |
| | Surface tension | 2,396 E-2 N/m (25°C) | Moist soil | Yes |
| N-butyl acetate CAS: 123-86-4 CE: 204-658-1 | Koc | Non applicable | Henry | Non applicable |
| | Conclusion | Non applicable | Dry soil | Non applicable |
| | Surface tension | 2,478E-2 N/m (25°C) | Moist soil | Non applicable |
| Ethylbenzene CAS: 100-41-4 CE: 202-849-4 | Koc | 520 | Henry | 798,44 Pa·m ³ /mol |
| | Conclusion | Moderate | Dry soil | Yes |
| | Surface tension | 2,859E-2 N/m (25 °C) | Moist soil | Yes |

12.5 Results of PBT y vPvB assessment:

PBT: Non applicable.

vPvB: Non applicable.

12.6 Other adverse effects

Not described.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatments methods

| | | |
|--------------------|--|--|
| Code: 08 01 11* | Description: Waste paint and varnish containing organic solvents or other dangerous substances. | Waste class (Regulation (EU) No Code Description 1357/2014) Dangerous |
|--------------------|--|--|

Regulation (UE) n° 1357/2014

Type of waste

HP3 Flammable.

HP4 Irritant — skin irritation and eye damage

HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity,

HP6 Acute Toxicity

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC).

As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue.


We do not recommended disposal down the drain. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

14. TRANSPORT INFORMATION

| | |
|---|----------------|
| 14.1 UN number ADR, IMDG, IATA | UN1263 |
| 14.2 UN proper shipping name ADR, IATA IMDG | PAINT PAINT |
| 14.3 Transport of dangerous By land ADR  Class Label | 3 3 |
| Transport of dangerous By sea IMDG  Class Label | 3 3 |
| Transport of dangerous By air IATA  Class Label | 3 3 |
| 14.4 Packing group | III |
| 14.5 Environmental hazards | No |

| | |
|--|--------------------------------|
| 14.6 Specials precautions for user: ADR, IATA IMDG: | 163,367,650 223,955,163,367 |
| Tunnel restriction code ADR IATA IMGR | D/E F-E-, S-E |
| Physico-Chemical properties | See section 9 |
| Limited quantities | 5L |
| 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Non applicable |

15. REGULATORY INFORMATION

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

Candidate substances for authorization under the Regulation (EC) No 1907/2006 (REACH)

Non applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date:

Non applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer

Non applicable

Article 95, REGULATION (EU) No 528/2012

Non applicable

REGULATION (EU) No 649/201

In relation to the import and export of hazardous chemical products:

Contains Dibutyltin Dilaurate

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH)

Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to

the general public for entertainment and decorative purposes such as the following:

- metallic glitter intended mainly for decoration,
- artificial snow and frost,
- "whoopee" cushions,
- silly string aerosols,
- imitation excrement,
- horns for parties,
- decorative flakes and foams,
- artificial cobwebs,
- stink bombs.

Without prejudice to the application of other Community provisions on the classification, packaging and labelling of substances,

suppliers shall ensure before the placing on the market that the packaging of aerosol dispensers referred to above is marked

visibly, legibly and indelibly with:

'For professional users only'.

Shall not be used in:

- ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
- tricks and jokes,
- games for one or more participants, or any article intended to be used as such, even with ornamental aspects

Specific provisions in terms of protecting people or the environment

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation

The product could be affected by sectorial legislation

15.2 Chemical safety assessment

The supplier has not carried out evaluation of chemical safety.

16. OTHER INFORMATION

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (Regulation (EC) No 2015/830)

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3, SECTION 11, SECTION 12):

- New declared substances
- Dibutyltin Dilaurate (77-58-7).

16.1 Relevant phrases

Texts of the legislative phrases mentioned in section 2:

H315: Causes skin irritation

H373: May cause damage to organs through prolonged or repeated exposure (Oral)

H225: Highly flammable liquid and vapour

H319: Causes serious eye irritation

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:

Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled

Acute Tox. 4: H332 - Harmful if inhaled

Aquatic Acute 1: H400 - Very toxic to aquatic life

Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects

Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways

Eye Irrit. 2: H319 - Causes serious eye irritation

Flam. Liq. 2: H225 - Highly flammable liquid and vapour

Flam. Liq. 3: H226 - Flammable liquid and vapour

Muta. 2: H341 - Suspected of causing genetic defects

Repr. 1B: H360 - May damage fertility or the unborn child

Skin Corr. 1C: H314 - Causes severe skin burns and eye damage

Skin Irrit. 2: H315 - Causes skin irritation

Skin Sens. 1: H317 - May cause an allergic skin reaction

STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure. (Oral)

STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure
STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure
(Oral)
STOT SE 1: H370 - Causes damage to organs
STOT SE 3: H335 - May cause respiratory irritation
STOT SE 3: H336 - May cause drowsiness or dizziness

Classification procedure

Skin Irrit. 2: Calculation method
STOT RE 2: Calculation method
Flam. Liq. 2: Calculation method (2.6.4.3)
Eye Irrit. 2: Calculation method

Minimal training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

16.2 Abbreviations and acronyms

ADR: European agreement concerning the international carriage of dangerous goods by road
IMDG : International maritime Dangerous goods code
IATA : International Air Transport Association
ICAO : International Civil Aviation Organisation
COD: Chemical Oxygen Demand
BOD5: 5-day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
LC50: Lethal Concentration 50
EC50: Effective concentration 50
Log-POW: Octanol–water partition coefficient
Koc: Partition coefficient of organic carbon

The information contained in this security data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products.