

SAFETY DATA SHEET

1. IDENTIFICACIÓN DEL PRODUCTO

NOMBRE DEL PRODUCTO	BASIC Primer 2K 4:1 UHS VOC 4L
CÓDIGO	020022 (light grey) RAL 7035

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	1 - <2,5%
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	442mg/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):	28,13% weight
V.O.C. density at 20°C	441,6 kg/m ³ (441,6 g/L)
Average carbon number	6,66
Average molecular weight	103,85 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	Light grey
Odour	Solvent
Boiling point at atmospheric pressure	117°C
Vapour pressure at 20°C	3390 Pa

Vapour pressure at 50°C	13340 Pa (13kPa)
Evaporation rate at 20°C	Non applicable*
Density at 20°C	1520-1620 Kg/m3
Relative density at 20°C	1,52-1,62
Dynamic viscosity at 20°C	1845-1739 cP
Kinematic viscosity at 20°C	1141 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
Contact with air	Not applicable
Increase in temperature:	Risk of combustion
Sunlight:	Avoid direct impact
Humidity:	Not 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	61,86 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	
	BCF	Potential
Xylene CAS:1330-20-7 CE: 215-535-7	9	Low
	2,77	
Ethyl acetate CAS: 141-78-6 CE: 205-500-4	30	Moderate
	0,73	
2-methoxy-1-methylethyl acetate CAS: 108-65-6 CE: 203-603-9	1	Low
	0,43	
4-methylpentan-2-one CAS: 108-10-1 CE: 203-550-1	2	Low
	1,31	
2-butanone CAS: 78-93-3 CE: 201-19-0	3	Low
	0,29	
N-butyl acetate CAS: 123-86-4 CE: 204-658-1	4	Low
	1,78	
Ethylbenzene CAS: 100-41-4 CE: 202-849-4	1	Low
	3,15	
Dibutyltin Dilaurate CAS:77-58-7 CE: 201-039-8	31	Moderate
	3,12	

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
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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.