

EX014PR0910 - MTN PRO White base primer



1.1	Product identifier:	EX014PR0910 - MTN PRO White base primer				
	Other means of identification	:				
	Non-applicable					
1.2	2 Relevant identified uses of the substance or mixture and uses advised against:					
	Relevant uses: Spray paint					
	Uses advised against: All uses not specified in this section or in section 7.3					
1.3	Details of the supplier of the s	safety data sheet:				
	MONTANA COLORS, S.L. Pol. Ind. Pla de les Vives C/ Anaïs Nin 6 08295 Sant Vicenç de Castellet - Barcelona - España Phone.: +34 938332760 (9:00- 16:00h GMT +1:00) msds@montanacolors.com https://www.montanacolors.com					
1.4	Emergency telephone number	r: +34 938332760 (9:00- 16:00h GMT +1:00)				

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

CLP Regulation (EC) No 1272/2008:

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Aerosol 1: Pressurised container: May burst if heated., H229

Aerosol 1: Flammable aerosols, Category 1, H222

Eye Irrit. 2: Eye irritation, Category 2, H319

STOT SE 3: Specific toxicity causing drowsiness and dizziness, single exposure, Category 3, H336

2.2 Label elements:

CLP Regulation (EC) No 1272/2008:



Hazard statements:

Aerosol 1: H229 - Pressurised container: May burst if heated. Aerosol 1: H222 - Extremely flammable aerosol. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H336 - May cause drowsiness or dizziness. **Precautionary statements:**

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211: Do not spray on an open flame or other ignition source.

P251: Do not pierce or burn, even after use.

P260: Do not breathe spray.

P271: Use only outdoors or in a well-ventilated area.

P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F

P501: Dispose of contents/container according to the separated collection system used in your municipality.

Supplementary information:

EUH066: Repeated exposure may cause skin dryness or cracking.

EUH211: Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Substances that contribute to the classification

Ethyl acetate; N-butyl acetate

UFI: DJD0-T02S-300P-DG3U

2.3 Other hazards:



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SECTION 2: HAZARDS IDENTIFICATION (continued)

Product fails to meet PBT/vPvB criteria

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

Non-applicable

3.2 Mixture:

Chemical description: Aerosol

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

	Identification		Chemical name/Classification		Concentration
CAS:	106-97-8	Butane ⁽¹⁾		ATP CLP00	
	203-448-7 601-004-00-0 01-2119474691-32- XXXX	Regulation 1272/2008	Flam. Gas 1A: H220; Press. Gas: H280 - Danger	۲	10 - <25 %
CAS:	13463-67-7	Titanium dioxide (ae	erodynamic diameter \leq 10 µm) ⁽²⁾	Self-classified	
	236-675-5 Non-applicable 01-2119489379-17- XXXX	Regulation 1272/2008	Carc. 2: H351 - Warning	\$	10 - <25 %
CAS:	141-78-6			ATP CLP00	
	205-500-4 607-022-00-5 01-2119475103-46- XXXX	Regulation 1272/2008	Eye Irrit. 2: H319; Flam. Liq. 2: H225; STOT SE 3: H336; EUH066 - Danger	>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	10 - <25 %
CAS:	123-86-4	N-butyl acetate ⁽²⁾		ATP CLP00	
	204-658-1 607-025-00-1 01-2119485493-29- XXXX	Regulation 1272/2008	Flam. Liq. 3: H226; STOT SE 3: H336; EUH066 - Warning	(1)	10 - <25 %
CAS:	74-98-6	Propane ⁽¹⁾	·	ATP CLP00	
	200-827-9 601-003-00-5 : 01-2119486944-21- XXXX	Regulation 1272/2008	Flam. Gas 1A: H220; Press. Gas: H280 - Danger	٢	2,5 - <10 %
CAS:	75-28-5 200-857-2 601-004-00-0 : 01-2119485395-27- XXXX	Isobutane ⁽¹⁾	·	ATP CLP00	
		Regulation 1272/2008	Flam. Gas 1A: H220; Press. Gas: H280 - Danger	۲	2,5 - <10 %
CAS:	Non-applicable	Reaction mass of et	hylbenzene and m-xylene and p-xylene ⁽²⁾	Self-classified	
EC: Index: REACH:	905-562-9 Non-applicable 01-2119555267-33- XXXX	Regulation 1272/2008	Acute Tox. 4: H312+H332; Asp. Tox. 1: H304; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H335 - Danger	() () ()	2,5 - <10 %
CAS:	1330-20-7	Xylene ⁽³⁾	·	Self-classified	
	215-535-7 601-022-00-9 01-2119488216-32- XXXX	Regulation 1272/2008	Acute Tox. 4: H312+H332; Asp. Tox. 1: H304; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H335 - Danger	() 🔅 😵	<1 %
CAS:	108-65-6	2-methoxy-1-methy	lethyl acetate ⁽³⁾	Self-classified	
	203-603-9 607-195-00-7 01-2119475791-29- XXXX	Regulation 1272/2008	Flam. Liq. 3: H226; STOT SE 3: H336 - Warning	(1) (8)	<1 %
CAS: 100-41-4		Ethylbenzene ⁽³⁾		ATP ATP06	
	202-849-4 601-023-00-4 01-2119489370-35- XXXX	Regulation 1272/2008	Acute Tox. 4: H332; Asp. Tox. 1: H304; Flam. Liq. 2: H225; STOT RE 2: H373 - Danger	(1) (1) (2)	<1 %
CAS:	80-62-6	Methyl methacrylate	2(3)	ATP CLP00	
EC: Index: REACH:	201-297-1 607-035-00-6 01-2119452498-28- XXXX	Regulation 1272/2008	Flam. Liq. 2: H225; Skin Irrit. 2: H315; Skin Sens. 1: H317; STOT SE 3: H335 - D	anger 🚺 🔅	<1 %

⁽¹⁾ Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2015/830
⁽²⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2015/830
⁽³⁾ Substance with a Union workplace exposure limit

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



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SECTION 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:**

Remove the person affected from the area of exposure, provide with fresh air and keep at rest. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply, etc.) requiring immediate medical assistance.

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 lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. 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

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO2).

Unsuitable extinguishing media:

IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created 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 self-contained breathing apparatus (SCBA). 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. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 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 spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. 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:



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SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

This product is not classified as hazardous to the environment. Keep product away from drains, surface and ground 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.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- Precautions for safe manipulation

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.

B.- Technical recommendations for the prevention of fires and explosions

Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks,...) and transfer at slow speeds to avoid the creation of electrostatic charges. Avoid splashes and pulverizations. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations to prevent ergonomic and toxicological risks

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

D.- 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:

A.- Technical measures for storage

Minimum Temp.:5 °CMaximum Temp.:30 °CMaximum time:120 Months

B.- General conditions for storage

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

7.3 Specific end use(s):

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

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

Identification	Oc	Occupational exposure limits		
Ethyl acetate	IOELV (8h)	200 ppm	734 mg/m ³	
CAS: 141-78-6 EC: 205-500-4	IOELV (STEL)	400 ppm	1468 mg/m ³	
Ethylbenzene	IOELV (8h)	100 ppm	442 mg/m ³	
CAS: 100-41-4 EC: 202-849-4	IOELV (STEL)	200 ppm	884 mg/m ³	
N-butyl acetate	IOELV (8h)	50 ppm	241 mg/m ³	
CAS: 123-86-4 EC: 204-658-1	IOELV (STEL)	150 ppm	723 mg/m ³	
Xylene	IOELV (8h)	50 ppm	221 mg/m ³	
CAS: 1330-20-7 EC: 215-535-7	IOELV (STEL)	100 ppm	442 mg/m ³	
2-methoxy-1-methylethyl acetate	IOELV (8h)	50 ppm	275 mg/m ³	
CAS: 108-65-6 EC: 203-603-9	IOELV (STEL)	100 ppm	550 mg/m ³	



SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

Identification	Occupational exposure limits		
Methyl methacrylate	IOELV (8h)	50 ppm	
CAS: 80-62-6 EC: 201-297-1	IOELV (STEL)	100 ppm	

DNEL (Workers):

	Short exposure		Long exposure		
Identification		Systemic	Local	Systemic	Local
Ethyl acetate	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 141-78-6	Dermal	Non-applicable	Non-applicable	63 mg/kg	Non-applicable
EC: 205-500-4	Inhalation	1468 mg/m ³	1468 mg/m ³	734 mg/m ³	734 mg/m ³
N-butyl acetate	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 123-86-4	Dermal	11 mg/kg	Non-applicable	11 mg/kg	Non-applicable
EC: 204-658-1	Inhalation	600 mg/m ³	600 mg/m ³	300 mg/m ³	300 mg/m ³
Reaction mass of ethylbenzene and m-xylene and p-xylene	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: Non-applicable	Dermal	Non-applicable	Non-applicable	212 mg/kg	Non-applicable
EC: 905-562-9	Inhalation	442 mg/m ³	442 mg/m ³	221 mg/m ³	221 mg/m ³
Xylene	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 1330-20-7	Dermal	Non-applicable	Non-applicable	212 mg/kg	Non-applicable
EC: 215-535-7	Inhalation	442 mg/m ³	442 mg/m ³	221 mg/m ³	221 mg/m ³
2-methoxy-1-methylethyl acetate	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 108-65-6	Dermal	Non-applicable	Non-applicable	796 mg/kg	Non-applicable
EC: 203-603-9	Inhalation	Non-applicable	550 mg/m ³	275 mg/m ³	Non-applicable
Ethylbenzene	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 100-41-4	Dermal	Non-applicable	Non-applicable	180 mg/kg	Non-applicable
EC: 202-849-4	Inhalation	Non-applicable	293 mg/m ³	77 mg/m ³	Non-applicable
Methyl methacrylate	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 80-62-6	Dermal	Non-applicable	Non-applicable	13,67 mg/kg	Non-applicable
EC: 201-297-1	Inhalation	Non-applicable	Non-applicable	208 mg/m ³	208 mg/m ³

DNEL (General population):

		Short exposure		Long exposure	
Identification		Systemic	Local	Systemic	Local
Ethyl acetate	Oral	Non-applicable	Non-applicable	4,5 mg/kg	Non-applicable
CAS: 141-78-6	Dermal	Non-applicable	Non-applicable	37 mg/kg	Non-applicable
EC: 205-500-4	Inhalation	734 mg/m ³	734 mg/m ³	367 mg/m ³	367 mg/m ³
N-butyl acetate	Oral	2 mg/kg	Non-applicable	2 mg/kg	Non-applicable
CAS: 123-86-4	Dermal	6 mg/kg	Non-applicable	6 mg/kg	Non-applicable
EC: 204-658-1	Inhalation	300 mg/m ³	300 mg/m ³	35,7 mg/m ³	35,7 mg/m ³
Reaction mass of ethylbenzene and m-xylene and p-xylene	Oral	Non-applicable	Non-applicable	12,5 mg/kg	Non-applicable
CAS: Non-applicable	Dermal	Non-applicable	Non-applicable	125 mg/kg	Non-applicable
EC: 905-562-9	Inhalation	260 mg/m ³	260 mg/m ³	65,3 mg/m ³	65,3 mg/m ³
Xylene	Oral	Non-applicable	Non-applicable	12,5 mg/kg	Non-applicable
CAS: 1330-20-7	Dermal	Non-applicable	Non-applicable	125 mg/kg	Non-applicable
EC: 215-535-7	Inhalation	260 mg/m ³	260 mg/m ³	65,3 mg/m ³	65,3 mg/m ³
2-methoxy-1-methylethyl acetate	Oral	500 mg/kg	Non-applicable	36 mg/kg	Non-applicable
CAS: 108-65-6	Dermal	Non-applicable	Non-applicable	320 mg/kg	Non-applicable
EC: 203-603-9	Inhalation	Non-applicable	Non-applicable	33 mg/m ³	33 mg/m ³
Ethylbenzene	Oral	Non-applicable	Non-applicable	1,6 mg/kg	Non-applicable
CAS: 100-41-4	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
EC: 202-849-4	Inhalation	Non-applicable	Non-applicable	15 mg/m ³	Non-applicable

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

		Short	exposure	Long	exposure
Identification		Systemic	Local	Systemic	Local
Methyl methacrylate	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 80-62-6	Dermal	Non-applicable	Non-applicable	8,2 mg/kg	Non-applicable
EC: 201-297-1	Inhalation	Non-applicable	Non-applicable	74,3 mg/m ³	104 mg/m ³
PNEC:					
Identification					
Ethyl acetate	STP	650 mg/L	Fresh water	0	,24 mg/L
CAS: 141-78-6	Soil	0,148 mg/kg	Marine water	0	,024 mg/L
EC: 205-500-4	Intermittent	1,65 mg/L	Sediment (Fresh	water) 1	,15 mg/kg
	Oral	0,2 g/kg	Sediment (Marine	e water) 0	,115 mg/kg
N-butyl acetate	STP	35,6 mg/L	Fresh water	0	,18 mg/L
CAS: 123-86-4	Soil	0,09 mg/kg	Marine water	0	,018 mg/L
EC: 204-658-1	Intermittent	0,36 mg/L	Sediment (Fresh	water) 0	,981 mg/kg
	Oral	Non-applicable	Sediment (Marine	e water) 0	,098 mg/kg
Reaction mass of ethylbenzene and m-xylene and p-xylene	STP	6,58 mg/L	Fresh water	0	,327 mg/L
CAS: Non-applicable	Soil	2,31 mg/kg	Marine water	0	,327 mg/L
EC: 905-562-9	Intermittent	0,327 mg/L	Sediment (Fresh	water) 1	2,46 mg/kg
	Oral	Non-applicable	Sediment (Marine	e water) 1	2,46 mg/kg
Xylene	STP	6,58 mg/L	Fresh water	0	,327 mg/L
CAS: 1330-20-7	Soil	2,31 mg/kg	Marine water	0	,327 mg/L
EC: 215-535-7	Intermittent	0,327 mg/L	Sediment (Fresh	water) 1	2,46 mg/kg
	Oral	Non-applicable	Sediment (Marine	e water) 1	2,46 mg/kg
2-methoxy-1-methylethyl acetate	STP	100 mg/L	Fresh water	0	,635 mg/L
CAS: 108-65-6	Soil	0,29 mg/kg	Marine water	0	,064 mg/L
EC: 203-603-9	Intermittent	6,35 mg/L	Sediment (Fresh	water) 3	,29 mg/kg
	Oral	Non-applicable	Sediment (Marine	e water) 0	,329 mg/kg
Ethylbenzene	STP	9,6 mg/L	Fresh water	0	,1 mg/L
CAS: 100-41-4	Soil	2,68 mg/kg	Marine water	0	,01 mg/L
EC: 202-849-4	Intermittent	0,1 mg/L	Sediment (Fresh	water) 1	3,7 mg/kg
	Oral	0,02 g/kg	Sediment (Marine	e water) 1	,37 mg/kg
Methyl methacrylate	STP	10 mg/L	Fresh water	0	,94 mg/L
CAS: 80-62-6	Soil	1,47 mg/kg	Marine water	0	,94 mg/L
EC: 201-297-1	Intermittent	0,94 mg/L	Sediment (Fresh	water) 5	,74 mg/kg
	Oral	Non-applicable	Sediment (Marine	e water) N	on-applicable

8.2 Exposure controls:

A.- 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 Regulation (EU) 2016/425. 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. 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.

B.- Respiratory protection

		Labelling	CEN Standard	Remarks
Mandatory respiratory tract protection	Filter mask for gases, vapours and particles		EN 149:2001+A1:2009 EN 405:2002+A1:2010	Replace when an increase in resistence to breathing is observed and/or a smell or taste of the contaminant is detected.

C.- Specific protection for the hands



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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

[Pictogram	PPE	Labelling	CEN Standard	Remarks
	Mandatory hand protection	NON-disposable chemical protective gloves		EN ISO 374-1:2016+A1:2018 EN 16523-1:2015+A1:2018 EN 420:2004+A1:2010	The Breakthrough Time indicated by the manufacturer must exceed the period during which the product is being used. Do not use protective creams after the product has come into contact with skin.

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Ocular and facial protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory face protection	Face shield		EN 166:2002 EN 167:2002 EN 168:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.

E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory complete body protection	Disposable clothing for protection against chemical risks, with antistatic and fireproof properties		EN 1149-1,2,3 EN 13034:2005+A1:2009 EN ISO 13982- 1:2004/A1:2010 EN ISO 6529:2013 EN ISO 6530:2005 EN ISO 13688:2013 EN 464:1994	For professional use only. Clean periodically according to the manufacturer's instructions.
Mandatory foot protection	Safety footwear for protection against chemical risk, with antistatic and heat resistant properties		EN ISO 13287:2013 EN ISO 20345:2011 EN 13832-1:2019	Replace boots at any sign of deterioration.

F.- Additional emergency measures

Emergency measure	Standards	Emergency measure	Standards
+	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	0 + T	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011
Emergency shower		Eyewash stations	

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):	71,95 % weight	
V.O.C. density at 20 °C:	613,74 kg/m ³ (613,74 g/L)	
Average carbon number:	5,36	
Average molecular weight:	102,11 g/mol	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1	Information on basic physical and chemical properties:				
	For complete information see the product datasheet.				
	Appearance:				
	Physical state at 20 °C: Aerosol				
	Appearance:	Not available			
	Colour: White				
	*Not relevant due to the nature of the product, not providing information property of its hazards.				



 $\label{eq:Safety data sheet} SDS \mbox{ is an English translation of Regulation (EU) n^0 2015/830, without any country-specific legislation}$

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SECT	TON 9: PHYSICAL AND CHEMICAL PROPERTIES	(continued)
	Odour:	Not available
	Odour threshold:	Non-applicable *
	Volatility:	
	Boiling point at atmospheric pressure:	-1 °C (Propellant)
	Vapour pressure at 20 °C:	Non-applicable *
	Vapour pressure at 50 °C:	<300000 Pa (300 kPa)
	Evaporation rate at 20 °C:	Non-applicable *
	Product description:	
	Density at 20 °C:	853 kg/m³
	Relative density at 20 °C:	Non-applicable *
	Dynamic viscosity at 20 °C:	Non-applicable *
	Kinematic viscosity at 20 °C:	Non-applicable *
	Kinematic viscosity at 40 °C:	Non-applicable *
	Concentration:	Non-applicable *
	pH:	Non-applicable *
	Vapour density at 20 °C:	Non-applicable *
	Partition coefficient n-octanol/water 20 °C:	Non-applicable *
	Solubility in water at 20 °C:	
	Solubility properties:	Non-applicable *
	Decomposition temperature:	Non-applicable *
	Melting point/freezing point:	Non-applicable *
	Recipient pressure:	Non-applicable *
	Explosive properties:	Non-applicable *
	Oxidising properties:	Non-applicable *
	Flammability:	
	Flash Point:	-60 °C (Propellant)
	Heat of combustion:	Non-applicable *
	Flammability (solid, gas):	Non-applicable *
	Autoignition temperature:	365 °C (Propellant)
	Lower flammability limit:	Non-applicable *
	Upper flammability limit:	Non-applicable *
	Explosive:	
	Lower explosive limit:	Non-applicable *
	Upper explosive limit:	Non-applicable *
9.2	Other information:	
	Surface tension at 20 °C:	Non-applicable *
	Refraction index:	Non-applicable *
	*Not relevant due to the nature of the product, not providing inform	nation property of its hazards.

SECTION 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:



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SECTION 10: STABILITY AND REACTIVITY (continued)

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	Contact with air	Increase in temperature	Sunlight	Humidity		
Not applicable	Not applicable	Risk of combustion	Avoid direct impact	Not applicable		
Incompatible materials:						

10.5 ncompatible materials

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	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.

SECTION 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:

- A- Ingestion (acute effect):
 - 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. However, it does contain substances classified as dangerous for this effect. For more information see section 3.
- B- Inhalation (acute effect):
 - Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous for inhalation. For more information see section 3.
 - Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous for inhalation. For more information see section 3.
- C- Contact with the skin and the eyes (acute effect):
 - Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous for skin contact. For more information see section 3.
 - Contact with the eyes: Produces eye damage after contact.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
 - Carcinogenicity: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with carcinogenic effects. For more information see section 3.
 - IARC: Ethylbenzene (2B); Xylene (3); propan-2-ol (3); ethanol (1); Talc (3); Titanium dioxide (aerodynamic diameter \leq 10 μm) (2B); Methyl methacrylate (3); Reaction mass of ethylbenzene and m-xylene and p-xylene (3)

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

- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

E- Sensitizing effects:

 Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitising effects. For more information see section 3.

Cutaneous: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with sensitising effects. For more information see section 3.

F- Specific target organ toxicity (STOT) - single 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.

G- Specific target organ toxicity (STOT)-repeated exposure:



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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.

- Skin: Repeated exposure may cause skin dryness or cracking

H- Aspiration hazard:

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

Other information:

CAS 13463-67-7 Titanium dioxide (aerodynamic diameter \leq 10 µm): The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter \leq 10 µm

Specific toxicology information on the substances:

Identification	A	Acute toxicity		
Ethyl acetate	LD50 oral	4100 mg/kg	Rat	
CAS: 141-78-6	LD50 dermal	20000 mg/kg	Rabbit	
EC: 205-500-4	LC50 inhalation	>20 mg/L (4 h)		
N-butyl acetate	LD50 oral	12789 mg/kg	Rat	
CAS: 123-86-4	LD50 dermal	14112 mg/kg	Rabbit	
EC: 204-658-1	LC50 inhalation	23,4 mg/L (4 h)	Rat	
Titanium dioxide (aerodynamic diameter ≤ 10 µm)	LD50 oral	10000 mg/kg	Rat	
CAS: 13463-67-7	LD50 dermal	10000 mg/kg	Rabbit	
EC: 236-675-5	LC50 inhalation	>5 mg/L (4 h)		
Reaction mass of ethylbenzene and m-xylene and p-xylene	LD50 oral	5627 mg/kg	Mouse	
CAS: Non-applicable	LD50 dermal	1100 mg/kg	Rat	
EC: 905-562-9	LC50 inhalation	11 mg/L (4 h) (ATEi)		
Butane	LD50 oral	>2000 mg/kg		
CAS: 106-97-8	LD50 dermal	>2000 mg/kg		
EC: 203-448-7	LC50 inhalation	658 mg/L (4 h)	Rat	
Propane	LD50 oral	>2000 mg/kg		
CAS: 74-98-6	LD50 dermal	>2000 mg/kg		
EC: 200-827-9	LC50 inhalation	>5 mg/L (4 h)		
Isobutane	LD50 oral	>2000 mg/kg		
CAS: 75-28-5	LD50 dermal	>2000 mg/kg		
EC: 200-857-2	LC50 inhalation	>5 mg/L (4 h)		
Xylene	LD50 oral	2100 mg/kg	Rat	
CAS: 1330-20-7	LD50 dermal	1100 mg/kg	Rat	
EC: 215-535-7	LC50 inhalation	>20 mg/L		
2-methoxy-1-methylethyl acetate	LD50 oral	8532 mg/kg	Rat	
CAS: 108-65-6	LD50 dermal	5100 mg/kg	Rat	
EC: 203-603-9	LC50 inhalation	30 mg/L (4 h)	Rat	
Ethylbenzene	LD50 oral	3500 mg/kg	Rat	
CAS: 100-41-4	LD50 dermal	15354 mg/kg	Rabbit	
EC: 202-849-4	LC50 inhalation	17,2 mg/L (4 h)	Rat	
Methyl methacrylate	LD50 oral	>2000 mg/kg		
CAS: 80-62-6	LD50 dermal	>2000 mg/kg	1	
EC: 201-297-1	LC50 inhalation	>20 mg/L		

SECTION 12: ECOLOGICAL INFORMATION

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

12.1 Toxicity:



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SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification		Acute toxicity	Species	Genus
Ethyl acetate	LC50	230 mg/L (96 h)	Pimephales promelas	Fish
CAS: 141-78-6	EC50	717 mg/L (48 h)	Daphnia magna	Crustacean
EC: 205-500-4	EC50	3300 mg/L (48 h)	Scenedesmus subspicatus	Algae
N-butyl acetate	LC50	62 mg/L (96 h)	Leuciscus idus	Fish
CAS: 123-86-4	EC50	73 mg/L (24 h)	Daphnia magna	Crustacean
EC: 204-658-1	EC50	675 mg/L (72 h)	Scenedesmus subspicatus	Algae
Reaction mass of ethylbenzene and m-xylene and p-xylene	LC50	13.5 mg/L (96 h)	Oncorhynchus mykiss	Fish
CAS: Non-applicable	EC50	0.6 mg/L (96 h)	Gammarus lacustris	Crustacean
EC: 905-562-9	EC50	10 mg/L (72 h)	Skeletonema costatum	Algae
Xylene	LC50	13.5 mg/L (96 h)	Oncorhynchus mykiss	Fish
CAS: 1330-20-7	EC50	3.4 mg/L (48 h)	Ceriodaphnia dubia	Crustacean
EC: 215-535-7	EC50	10 mg/L (72 h)	Skeletonema costatum	Algae
2-methoxy-1-methylethyl acetate	LC50	161 mg/L (96 h)	Pimephales promelas	Fish
CAS: 108-65-6	EC50	481 mg/L (48 h)	Daphnia sp.	Crustacear
EC: 203-603-9	EC50	Non-applicable		
Ethylbenzene	LC50	42.3 mg/L (96 h)	Pimephales promelas	Fish
CAS: 100-41-4	EC50	75 mg/L (48 h)	Daphnia magna	Crustacear
EC: 202-849-4	EC50	63 mg/L (3 h)	Chlorella vulgaris	Algae
Methyl methacrylate	LC50	191 mg/L (96 h)	Lepomis macrochirus	Fish
CAS: 80-62-6	EC50	69 mg/L (48 h)	Daphnia magna	Crustacear
EC: 201-297-1	EC50	170 mg/L (96 h)	Selenastrum capricornutum	Algae

12.2 Persistence and degradability:

Identification	De	egradability	Biode	egradability
Ethyl acetate	BOD5	1,36 g O2/g	Concentration	100 mg/L
CAS: 141-78-6	COD	1,69 g O2/g	Period	14 days
EC: 205-500-4	BOD5/COD	0,8	% Biodegradable	83 %
N-butyl acetate	BOD5	Non-applicable	Concentration	Non-applicable
CAS: 123-86-4	COD	Non-applicable	Period	5 days
EC: 204-658-1	BOD5/COD	Non-applicable	% Biodegradable	84 %
Xylene	BOD5	Non-applicable	Concentration	Non-applicable
CAS: 1330-20-7	COD	Non-applicable	Period	28 days
EC: 215-535-7	BOD5/COD	Non-applicable	% Biodegradable	88 %
2-methoxy-1-methylethyl acetate	BOD5	Non-applicable	Concentration	785 mg/L
CAS: 108-65-6	COD	Non-applicable	Period	8 days
EC: 203-603-9	BOD5/COD	Non-applicable	% Biodegradable	100 %
Ethylbenzene	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 100-41-4	COD	Non-applicable	Period	14 days
EC: 202-849-4	BOD5/COD	Non-applicable	% Biodegradable	90 %
Methyl methacrylate	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 80-62-6	COD	Non-applicable	Period	14 days
EC: 201-297-1	BOD5/COD	Non-applicable	% Biodegradable	94,3 %

12.3 Bioaccumulative potential:

Identification		Bioaccumulation potential		
Butane	BCF	33		
CAS: 106-97-8	Pow Log	2.89		
EC: 203-448-7	Potential	Moderate		
Ethyl acetate	BCF	30		
CAS: 141-78-6	Pow Log	0.73		
EC: 205-500-4	Potential	Moderate		
N-butyl acetate	BCF	4		
CAS: 123-86-4	Pow Log	1.78		
EC: 204-658-1	Potential	Low		





SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification		Bioaccumulation potential		
Propane	BCF	13		
CAS: 74-98-6	Pow Log	2.86		
EC: 200-827-9	Potential	Low		
Isobutane	BCF	27		
CAS: 75-28-5	Pow Log	2.76		
EC: 200-857-2	Potential	Low		
Reaction mass of ethylbenzene and m-xylene and p-xylene	BCF	9		
CAS: Non-applicable	Pow Log	2.77		
EC: 905-562-9	Potential	Low		
Xylene	BCF	9		
CAS: 1330-20-7	Pow Log	2.77		
EC: 215-535-7	Potential	Low		
2-methoxy-1-methylethyl acetate	BCF	1		
CAS: 108-65-6	Pow Log	0.43		
EC: 203-603-9	Potential	Low		
Ethylbenzene	BCF	1		
CAS: 100-41-4	Pow Log	3.15		
EC: 202-849-4	Potential	Low		
Methyl methacrylate	BCF	7		
CAS: 80-62-6	Pow Log	1.38		
EC: 201-297-1	Potential	Low		

12.4 Mobility in soil:

Identification	Absorp	otion/desorption		Volatility
Butane	Кос	900	Henry	96258,75 Pa·m³/mo
CAS: 106-97-8	Conclusion	Low	Dry soil	Yes
EC: 203-448-7	Surface tension	1,187E-2 N/m (25 °C)	Moist soil	Yes
Ethyl acetate	Кос	59	Henry	13,58 Pa·m ³ /mol
CAS: 141-78-6	Conclusion	Very High	Dry soil	Yes
EC: 205-500-4	Surface tension	2,324E-2 N/m (25 °C)	Moist soil	Yes
N-butyl acetate	Кос	Non-applicable	Henry	Non-applicable
CAS: 123-86-4	Conclusion	Non-applicable	Dry soil	Non-applicable
EC: 204-658-1	Surface tension	2,478E-2 N/m (25 °C)	Moist soil	Non-applicable
Propane	Кос	460	Henry	71636,78 Pa·m³/m
CAS: 74-98-6	Conclusion	Moderate	Dry soil	Yes
EC: 200-827-9	Surface tension	7,02E-3 N/m (25 °C)	Moist soil	Yes
Isobutane	Кос	35	Henry	120576,75 Pa·m³/m
CAS: 75-28-5	Conclusion	Very High	Dry soil	Yes
EC: 200-857-2	Surface tension	9,84E-3 N/m (25 °C)	Moist soil	Yes
Xylene	Кос	202	Henry	524,86 Pa·m ³ /mol
CAS: 1330-20-7	Conclusion	Moderate	Dry soil	Yes
EC: 215-535-7	Surface tension	Non-applicable	Moist soil	Yes
Ethylbenzene	Кос	520	Henry	798,44 Pa·m³/mol
CAS: 100-41-4	Conclusion	Moderate	Dry soil	Yes
EC: 202-849-4	Surface tension	2,859E-2 N/m (25 °C)	Moist soil	Yes
Methyl methacrylate	Кос	Non-applicable	Henry	Non-applicable
CAS: 80-62-6	Conclusion	Non-applicable	Dry soil	Non-applicable
EC: 201-297-1	Surface tension	2,551E-2 N/m (25 °C)	Moist soil	Non-applicable

12.5 Results of PBT and vPvB assessment:

Product fails to meet PBT/vPvB criteria

12.6 Other adverse effects:

Not described





SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
16 05 04*	gases in pressure containers (including halons) containing hazardous substances	Dangerous

Type of waste (Regulation (EU) No 1357/2014):

HP3 Flammable, HP4 Irritant — skin irritation and eye damage

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

SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land:

With regard to ADR 2019 and RID 2019:

With regard to AL	JK 201	9 anu RID 2019.	
	14.1	UN number:	UN1950
	14.2	UN proper shipping name:	AEROSOLS, flammable
	14.3	Transport hazard class(es):	2
$\langle \cdot \cdot \rangle$		Labels:	2.1
	14.4	Packing group:	N/A
2	14.5	Environmental hazards:	No
•	14.6	Special precautions for user	
		Special regulations:	190, 327, 344, 625
		Tunnel restriction code:	D
		Physico-Chemical properties:	see section 9
		Limited quantities:	1 L
	14.7	Transport in bulk according	Non-applicable
		to Annex II of Marpol and	
		the IBC Code:	
Transport of da	ngero	us goods by sea:	
With regard to IM	1DG 39	-18:	
	14.1	UN number:	UN1950
	14.2	UN proper shipping name:	AEROSOLS, flammable
, Le	14.3	Transport hazard class(es):	2
		Labels:	2.1
	14.4	Packing group:	N/A
2	14.5	Marine pollutant:	No
	14.6	Special precautions for user	
		Special regulations:	63, 959, 190, 277, 327, 344
		EmS Codes:	F-D, S-U
		Physico-Chemical properties:	see section 9
		Limited quantities:	1 L
		Segregation group:	Non-applicable
	14.7		Non-applicable
		to Annex II of Marpol and	
		the IBC Code:	
-	-	us goods by air:	
With regard to IA	TA/ICA	AO 2020:	



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SECTION 14: TRANSPORT INFORMATION (continued)					
2	14.2 14.3 14.4 14.5	UN number: UN proper shipping name: Transport hazard class(es): Labels: Packing group: Environmental hazards: Special precautions for user Physico-Chemical properties:	UN1950 AEROSOLS, flammable 2 2.1 N/A No see section 9		
	14.7	Transport in bulk according to Annex II of Marpol and the IBC Code:	Non-applicable		

SECTION 15: REGULATORY INFORMATION

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

Regulation (EC) No 528/2012: contains a preservative to protect the initial properties of the treated article. Contains ethanol.

Candidate substances for authorisation 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 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Seveso III:

Section	Description	Lower-tier requirements	Upper-tier requirements
P3a	FLAMMABLE AEROSOLS	150	500

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

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.

Occupational exposure to respirable crystalline silica must be controlled pursuant to Directive (EU) 2019/130.

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.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. 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.: Non-applicable

Texts of the legislative phrases mentioned in section 2:

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H229: Pressurised container: May burst if heated. H222: Extremely flammable aerosol.





SECTION 16: OTHER INFORMATION (continued) Texts of the legislative phrases mentioned in section 3: 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. Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. Carc. 2: H351 - Suspected of causing cancer (Inhalation). Eye Irrit. 2: H319 - Causes serious eye irritation. Flam. Gas 1A: H220 - Extremely flammable gas. Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Flam. Liq. 3: H226 - Flammable liquid and vapour. Press. Gas: H280 - Contains gas under pressure, may explode if heated. Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Oral). STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure. STOT SE 3: H335 - May cause respiratory irritation. STOT SE 3: H336 - May cause drowsiness or dizziness. **Classification procedure:** Eye Irrit. 2: Calculation method STOT SE 3: Calculation method Aerosol 1: Calculation method Aerosol 1: Calculation method Advice related to training: 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. **Principal bibliographical sources:** http://echa.europa.eu http://eur-lex.europa.eu 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 safety 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. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.