(in accordance with Regulation (EU) 2015/830)

KLS-LG-KLS Lime Green



SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY/UNDERTAKING.

1.1 Product identifier.

Product Name: KLS Lime Green
Product Code: KLS-LG

1.2 Relevant identified uses of the mixture and uses advised against.

Solvent-based colors for airbrush painting

Uses advised against:

Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet.

Company: CUSTOM CREATIVE

Address: C/ SEVILLA 43

City: JEREZ DE LA FRONTERA

Province: CADIZ

Telephone: (+34) 956045939
E-mail: info@customcreative.es
Web: customcreative.es

1.4 Emergency telephone number: (+34) 956045939 (Only available during office hours; Monday-Friday; 08:00-18:00)

SECTION 2: HAZARDS IDENTIFICATION.

2.1 Classification of the mixture.

In accordance with Regulation (EU) No 1272/2008:

Aquatic Chronic 3: Harmful to aquatic life with long lasting effects.

Eye Dam. 1 : Causes serious eye damage. Flam. Liq. 3 : Flammable liquid and vapour. STOT SE 3 : May cause drowsiness or dizziness.

Skin Irrit. 2: Causes skin irritation.

2.2 Label elements.

Labelling in accordance with Regulation (EU) No 1272/2008:

Pictograms:







Signal Word:

Danger

H statements:

H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

P statements:

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

P102 Keep out of reach of children.

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P103 Read label before use.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P501 Dispose of contents/container to ...

Contains:

n-butanol,butan-1-ol butanone,ethyl methyl ketone n-butyl acetate

2.3 Other hazards.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.

3.1 Substances.

Not Applicable.

3.2 Mixtures.

Substances posing a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List:

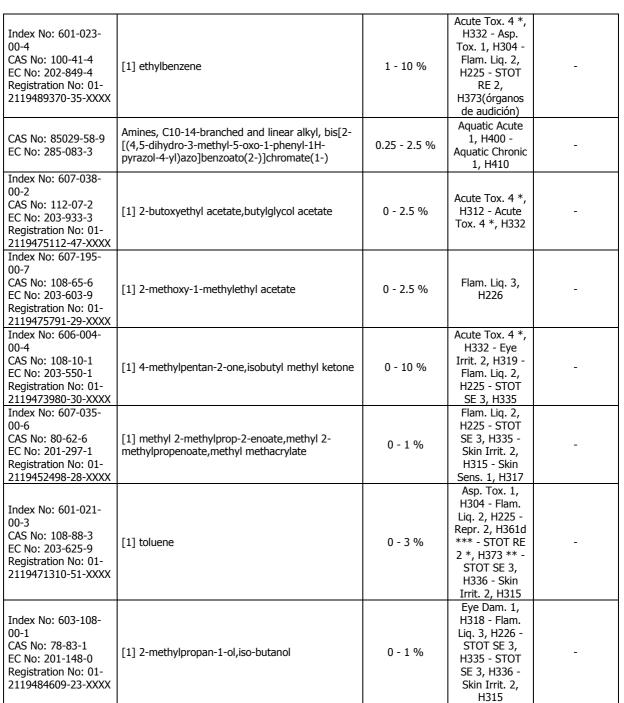
			(*)Classification No 127	Regulation (EC) 2/2008
Identifiers	Name	Concentrate	Classification	specific concentration limit
Index No: 607-025- 00-1 CAS No: 123-86-4 EC No: 204-658-1 Registration No: 01- 2119485493-29-XXXX	[1] n-butyl acetate	20 - 25 %	Flam. Liq. 3, H226 - STOT SE 3, H336	-
Index No: 601-022- 00-9 CAS No: 1330-20-7 EC No: 215-535-7 Registration No: 01- 2119488216-32-XXXX	[1] xylene (Mixture of isomers)	1 - 10 %	Acute Tox. 4 *, H312 - Acute Tox. 4 *, H332 - Flam. Liq. 3, H226 - Skin Irrit. 2, H315	-
Index No: 603-004- 00-6 CAS No: 71-36-3 EC No: 200-751-6 Registration No: 01- 2119484630-38-XXXX	[1] n-butanol,butan-1-ol	3 - 10 %	Acute Tox. 4 *, H302 - Eye Dam. 1, H318 - Flam. Liq. 3, H226 - STOT SE 3, H335 - STOT SE 3, H336 - Skin Irrit. 2, H315	
Index No: 606-002- 00-3 CAS No: 78-93-3 EC No: 201-159-0 Registration No: 01- 2119457290-43-XXXX	[1] butanone,ethyl methyl ketone	1 - 10 %	Eye Irrit. 2, H319 - Flam. Liq. 2, H225 - STOT SE 3, H336	-

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^(*) The complete text of the H phrases is given in section 16 of this Safety Data Sheet.

SECTION 4: FIRST AID MEASURES.

^{*,**, ***} See Regulation (EC) No. 1272/2008, Annex VI, section 1.2.

^[1] Substance with a Community workplace exposure limit (see section 8.1).

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IRRITANT PREPARATION. Its repeated or prolonged contact with the skin or mucous membranes can cause irritant symptoms such as reddening of the skin, blisters, or dermatitis. Some of the symptoms may not be immediate. They can cause allergic reactions on the skin.

4.1 Description of first aid measures.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

Inhalation.

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Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration. Do not administer anything orally. If unconscious, place them in a suitable position and seek medical assistance.

Eye contact.

Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance. Dont let the person to rub the affected eye.

Skin contact

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. NEVER use solvents or thinners.

Ingestion.

If accidentally ingested, seek immediate medical attention. Keep calm. NEVER induce vomiting.

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

Corrosive Product, contact with eyes or skin can cause burns; ingestion or inhalation can cause internal damage, if this occurs immediate medical assistance is required.

Contact with eyes may cause irreversible damage.

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

Request immediate medical attention. Never administer anything orally to persons who are unconscious. Do not induce vomiting. If the person vomits, clear the respiratory tract. Cover the affected area with a dry sterile bandage. Protect the affected area from pressure or friction.

SECTION 5: FIREFIGHTING MEASURES.

Flammable product, the necessary prevention measures should be taken in order to avoid risks, In case of fire, the following measures are recommended:

5.1 Extinguishing media.

Suitable extinguishing media:

Extinguisher powder or CO2. In case of more serious fires, also alcohol-resistant foam and water spray.

Unsuitable extinguishing media:

Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

5.2 Special hazards arising from the mixture.

Special risks.

Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health.

During a fire and depending on its magnitude the following may occur:

- Flammable vapors or gases.

5.3 Advice for firefighters.

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways. Product residues and extinguishing media may contaminate the aquatic environment. Follow the instructions given in the emergency or fire evacuation plan or plans if available.

Fire protection equipment.

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According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots. During extinction and depending on the magnitude and proximity to the fire, additional protective equipment such as chemical protection gloves, heat-reflecting suits or gas-tight suits may be required.

SECTION 6: ACCIDENTAL RELEASE MEASURES.

6.1 Personal precautions, protective equipment and emergency procedures.

Eliminate possible ignition points and ventilate the area. No smoking. Avoid breathing fumes. For exposure control and individual protection measures, see section 8.

6.2 Environmental precautions.

Product dangerous for the environment, in case of large spills or if the product contaminates lakes, rivers, or sewers, inform the responsible authorities according to local legislation. Prevent the contamination of drains, surface or subterranean waters, and the ground.

6.3 Methods and material for containment and cleaning up.

Pick up the spill with non-combustible absorbent materials (soil, sand, vermiculite, diatomite, etc.). Pour the product and the absorbent in an appropriate container. The contaminated area should be immediately cleaned with an appropriate decontaminator. Pour the decontaminator on the remains in an opened container and let it act various days until no further reaction is produced.

6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8.

For later elimination of waste, follow the recommendations under section 13.

SECTION 7: HANDLING AND STORAGE.

7.1 Precautions for safe handling.

The fumes are heavier than air and can spread across the ground. They can form explosive mixtures with air. Prevent the creation of flammable or explosive fume concentrations in the air; prevent fume concentrations above work exposure limits. The product must only be used in areas where all unprotected flames and other ignition points have been eliminated. Electrical equipment has to be protected according to applicable standards.

The product can be electrostatically charged: always use earth grounds when transferring the product. Operators must use antistatic footwear and clothing, and floors must be conductors.

Keep the container tightly closed and isolated from heat sources, sparks, and fire. Do not use tools that can cause sparks. For personal protection, see section 8.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Never use pressure to empty the containers. They are not pressure-resistant containers. Keep the product in containers made of a material identical to the original.

7.2 Conditions for safe storage, including any incompatibilities.

Store according to local legislation. Observe indications on the label. Store the containers between 5 and 35° C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorised persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

The product is not affected by Directive 2012/18/EU (SEVESO III).

7.3 Specific end use(s).

Not available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

8.1 Control parameters.

Work exposure limit for:

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Name	CAS No.	Country	Limit value	ppm	mg/m³
Maine	CAS NO.	United	Eight hours	150	724
		Kingdom [1]	Short term	200	966
		United States	Eight hours	150	900
		[2] (Cal/OSHA)	Short term	200	
n-butyl acetate	123-86-4	United States	Eight hours	150	
		[3] (NIOSH)	Short term	200	
					710
		United States	Eight hours	150	710
		[4] (OSHA)	Short term	F0 (-l-:)	224 (-1::-)
		European	Eight hours	50 (skin)	221 (skin)
xylene (Mixture of isomers)	1330-20-7	Union [5]	Short term	100 (skin)	442 (skin)
		United	Eight hours	50	220
		Kingdom [1]	Short term	100	441
		United	Eight hours		
		Kingdom [1]	Short term	50	154
		United States	Eight hours	(Ceiling) 50	
n-butanol,butan-1-ol	71-36-3	[2] (Cal/OSHA)	Short term		
Jacanorpatan I Ol	1,1303	United States	Eight hours	(Ceiling) 50	
		[3] (NIOSH)	Short term		
		United States	Eight hours	100	300
		[4] (OSHA)	Short term		
		European	Eight hours	200	600
		Union [5]	Short term	300	900
		United	Eight hours	200	600
		Kingdom [1]	Short term	300	899
		United States	Eight hours	200	
butanone,ethyl methyl ketone	78-93-3	[2] (Cal/OSHA)	Short term	300	
		United States	Eight hours	200	
		[3] (NIOSH)	Short term	300	
		United States	Eight hours	200	590
			Short term	200	390
	1	[4] (OSHA)		100 (ckip)	442 (skip)
		European	Eight hours	100 (skin)	442 (skin)
		Union [5]	Short term	200 (skin)	884 (skin)
		United	Eight hours	100	441
		Kingdom [1]	Short term	125	552
ethylbenzene	100-41-4	United States	Eight hours	5	
,		[2] (Cal/OSHA)	Short term	30	
		United States	Eight hours	100	
		[3] (NIOSH)	Short term	125	
		United States	Eight hours	100	435
		[4] (OSHA)	Short term		
		European	Eight hours	20 (skin)	133 (skin)
2-butoxyethyl acetate,butylglycol	112-07-2	Union [5]	Short term	50 (skin)	333 (skin)
acetate	112-0/-2	United	Eight hours	20	133
	<u> </u>	Kingdom [1]	Short term	50	332
		European	Eight hours	50 (skin)	275 (skin)
2 marthage 4 marthalal lands	100 65 6	Union [5]	Short term	100 (skin)	550 (skin)
2-methoxy-1-methylethyl acetate	108-65-6	United	Eight hours	50	274
		Kingdom [1]	Short term	100	548
		European	Eight hours	20	83
		Union [5]	Short term	50	208
		United	Eight hours	50	208
4-methylpentan-2-one,isobutyl methyl		Kingdom [1]	Short term	100	416
ketone	108-10-1	United States		50	410
Record			Short term	75	
		[2] (Cal/OSHA)			
		United States	Eight hours	50	
		[3] (NIOSH)	Short term	75	

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	1	United States	Eight hours	100	410		
		[4] (OSHA)	Short term				
		European	Eight hours	50			
		Union [5]	Short term	100			
		United	Eight hours	50	208		
		Kingdom [1]	Short term	100	416		
methyl 2-methylprop-2-enoate,methyl	00.62.6	United States	Eight hours	50			
2-methylpropenoate,methyl methacrylate	80-62-6	[2] (Cal/OSHA)	Short term	100			
metriacrylate		United States	Eight hours	100			
		[3] (NIOSH)	Short term				
		United States	Eight hours	100	410		
		[4] (OSHA)	Short term				
	_	European	Eight hours	50 (skin)	192 (skin)		
		Union [5]	Short term	100 (skin)	384 (skin)		
		United	Eight hours	50	191		
	400.00.0	Kingdom [1]	Short term	100	384		
		United States	Eight hours	10			
		[2] (Cal/OSHA)	Short term	150 (Ceiling) 500			
		United States	Eight hours	100			
Laboration		[3] (NIOSH)	Short term	150			
toluene	108-88-3		Eight hours	200			
		United States [4] (OSHA)	inited States (NIOSH) Eight hours 100				
		United	Eight hours	50	154		
		Kingdom [1]	Short term	75	231		
		United States	Eight hours	50			
2-methylpropan-1-ol,iso-butanol	78-83-1	[2] (Cal/OSHA)	Short term				
2 meany propert 1 on 30 betainer	75 05 1	United States	Eight hours	50			
		[3] (NIOSH)	Short term				
		United States	Eight hours	100	300		
		[4] (OSHA)	Short term				

^[1] According Limit Value (IOELV) list in 2nd Indicative Occupational Exposure adobted by Health and Safety Executive.

Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Туре	Value
	DNEL	Inhalation, Long-term, Systemic effects	480
n-hutyl acetate	(Workers)		(mg/m³)
	DNEL (General	Inhalation, Long-term, Systemic effects	102,34
	population)		(mg/m³)
	DNEL	Inhalation, Acute, Systemic effects	960
EC No: 204-658-1	(Workers)		(mg/m³)
LC NO. 204-030-1	DNEL (General	Inhalation, Acute, Systemic effects	859,7
	population)		(mg/m³)
	DNEL	Inhalation, Long-term, Local effects	480
	(Workers)		(mg/m³)

^[2] California Division of Occupational Safety and Health (Cal/OSHA) Permissible Exposure Limits (PELs).

^[3] According Compendium of Policy Documents and Statements adopted by National Institute for Occupational Safety and Health (NIOSH).

^[4] According Occupational Health and Safety Standards and US Code of Federal Regulations adopted by US Occupational Safety and Health Administration (OSHA).

^[5] According both Binding Occupational Esposure Limits (BOELVs) and Indicative Occupational Exposure Limits (IOELVs) adopted by Scientific Committee for Occupational Exposure Limits to Chemical Agents (SCOEL).

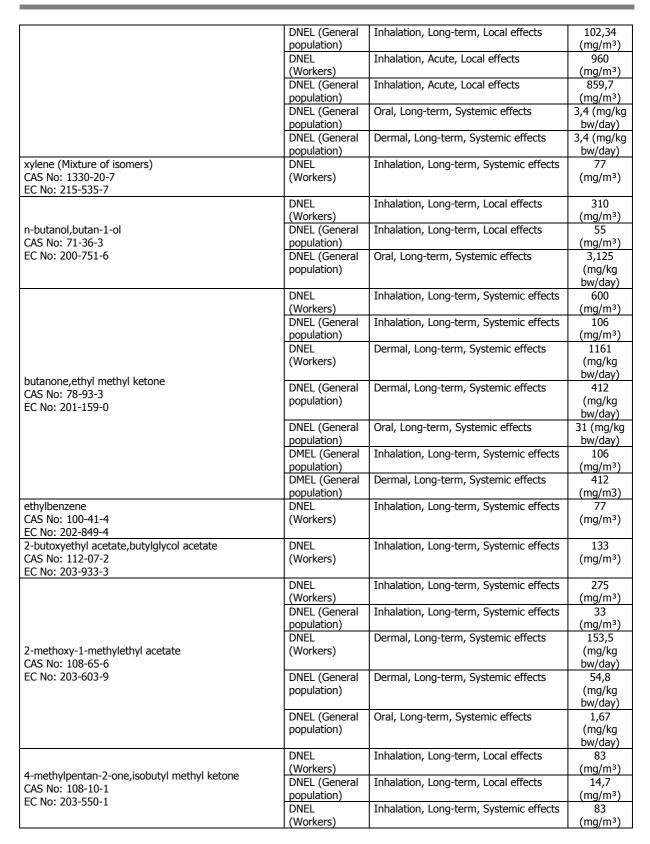
The product does NOT contain substances with Biological Limit Values.

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		DNEL (General population)	Inhalation, Long-term, Systemic effects	14,7 (mg/m³)
		DNEL (Workers)	Inhalation, Acute, Systemic effects	208 (mg/m³)
		DNEL (General population)	Inhalation, Acute, Systemic effects	155,2 (mg/m³)
		DNEL (Workers)	Inhalation, Acute, Local effects	208 (mg/m³)
		DNEL (General population)	Inhalation, Acute, Local effects	155,2 (mg/m³)
		DNEL (Workers)	Dermal, Long-term, Systemic effects	11,8 (mg/kg bw/day)
		DNEL (General population)	Dermal, Long-term, Systemic effects	4,2 (mg/kg bw/day)
		DNEL (General population)	Oral, Long-term, Systemic effects	4,2 (mg/kg bw/day)
methyl 2-methylprop-2-enoate,methyl methylpropenoate,methyl methacrylate	2-	DNEL (Workers)	Inhalation, Long-term, Local effects	208 (mg/m³)
CAS No: 80-62-6 EC No: 201-297-1		DNEL (Workers)	Inhalation, Long-term, Systemic effects	208 (mg/m³)
		DNEL (Workers)	Inhalation, Long-term, Local effects	192 (mg/m³)
		DNEL (General population)	Inhalation, Long-term, Local effects	56,5 (mg/m³)
		DNEL (Workers)	Inhalation, Long-term, Systemic effects	192 (mg/m³)
		DNEL (General population)	Inhalation, Long-term, Systemic effects	56,5 (mg/m³)
		DNEL (Workers)	Inhalation, Acute, Systemic effects	384 (mg/m³)
toluene		DNEL (General population)	Inhalation, Acute, Systemic effects	226 (mg/m³)
CAS No: 108-88-3 EC No: 203-625-9		DNEL (Workers)	Inhalation, Acute, Local effects	384 (mg/m³)
		DNEL (General population)	Inhalation, Acute, Local effects	226 (mg/m³)
		DNEL (Workers)	Dermal, Long-term, Systemic effects	384 (mg/kg bw/day)
		DNEL (General population)	Dermal, Long-term, Systemic effects	226 (mg/kg bw/day)
		DNEL (General population)	Oral, Long-term, Systemic effects	8,13 (mg/kg bw/day)
2-methylpropan-1-ol,iso-butanol		DNEL (Workers)	Inhalation, Long-term, Local effects	310 (mg/m ³)
CAS No: 78-83-1 EC No: 201-148-0		DNEL (General population)	Inhalation, Long-term, Local effects	55 (mg/m³)

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

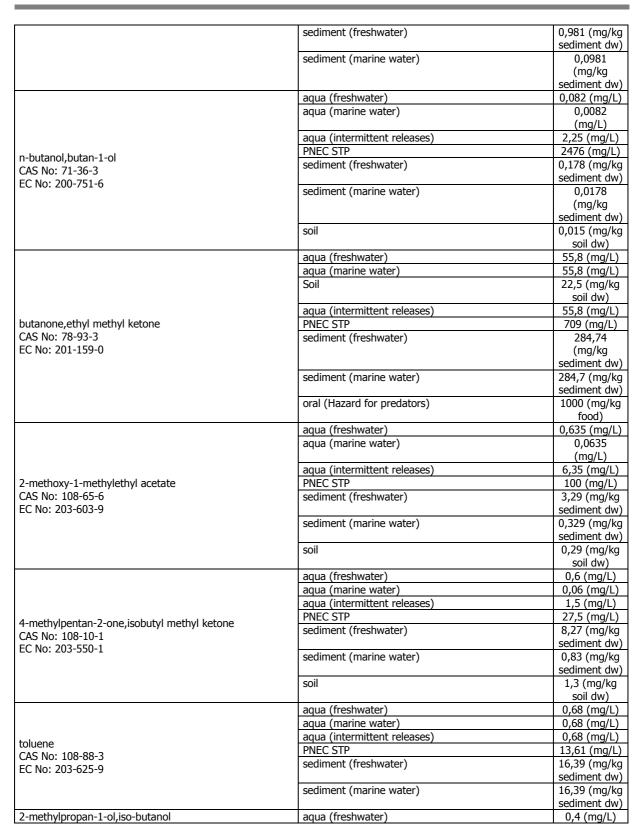
Concentration levels PNEC:

Name	Details	Value
n but dispetate	aqua (freshwater)	0,18 (mg/l)
n-butyl acetate CAS No: 123-86-4 EC No: 204-658-1	aqua (marine water)	0,018 (mg/l)
	aqua (intermittent releases)	0,36 (mg/l)
LC No. 204-038-1	PNEC STP	35,6 (mg/l)

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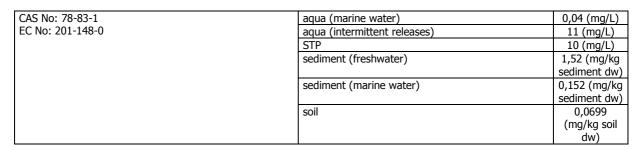
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PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.

8.2 Exposure controls.

Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

Concentration:	100 %						
Uses:	Solvent-based colors for airbrush painting						
Breathing protection:							
If the recommended	d technical measures are observed, no individual protection equipment is necessary.						
Hand protection:							
PPE:	Work gloves.						
Characteristics:	«CE» marking, category I.						
CEN standards:	EN 374-1, En 374-2, EN 374-3, EN 420						
Maintenance:	Keep in a dry place, away from any sources of heat, and avoid exposure to sunlight as much as possible. Do not make any changes to the gloves that may alter their resistance, or apply paints, solvents or						
	adhesives.						
Observations:	Gloves should be of the appropriate size and fit the user's hand well, not being too loose or too tight. Always use with clean, dry hands.						
Material:	PVC (polyvinyl chloride) Breakthrough time (min.): Material thickness (mm): 0,35						
Eye protection:							
PPE:	Protective goggles with built-in frame.						
Characteristics:	«CE» marking, category II. Eye protector with built-in frame for protection against splashing liquid, dust, smoke, fog and vapour.						
CEN standards:	EN 165, EN 166, EN 167, EN 168						
Maintenance:	Visibility through lenses should be ideal. Therefore, these parts should be cleaned daily. Protectors should be disinfected periodically following the manufacturer's instructions.						
Observations:	Some signs of wear and tear include: yellow colouring of the lenses, superficial scratching of the lenses, scraping etc.						
Skin protection:							
PPE:	Anti-static protective clothing.						
Characteristics:	«CE» marking, category II. Protective clothing should not be too tight or loose in order not to obstruct the user's movements.						
CEN standards:	EN 340, EN 1149-1, EN 1149-2, EN 1149-3, EN 1149-5						
Maintenance:	In order to guarantee uniform protection, follow the washing and maintenance instructions provided by the manufacturer.						
Observations:	The protective clothing should offer a level of comfort in line with the level of protection provided in terms of the hazard against which it protects, bearing in mind environmental conditions, the user's level of activity and the expected time of use.						
PPE:	Anti-static safety footwear.						
Characteristics:	«CE» marking, category II.						
CEN standards:	EN ISO 13287, EN ISO 20344, EN ISO 20346						
Maintenance:	The footwear should be checked regularly The level of comfort during use and acceptability are factors that are assessed very differently depending						
Observations:	on the user. Therefore, it is advisable to try on different footwear models and, if possible, different widths.						

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties.

Appearance: Liquid with characteristic odour and colour

Colour: N.A./N.A. Odour: N.A./N.A.

Odour threshold: N.A./N.A.

pH:N.A./N.A.

Melting point: N.A./N.A. Boiling Point: 106 °C Flash point: 26 °C

Evaporation rate: N.A./N.A.

Inflammability (solid, gas): N.A./N.A. Lower Explosive Limit: N.A./N.A. Upper Explosive Limit: N.A./N.A. Vapour pressure: 20,438 Vapour density:N.A./N.A. Relative density:0,971 Solubility:N.A./N.A. Liposolubility: N.A./N.A. Hydrosolubility: N.A./N.A.

Partition coefficient (n-octanol/water): N.A./N.A.

Auto-ignition temperature: N.A./N.A. Decomposition temperature: N.A./N.A.

Viscosity: N.A./N.A.

Explosive properties: N.A./N.A. Oxidizing properties: N.A./N.A.

N.A./N.A.= Not Available/Not Applicable due to the nature of the product

9.2 Other information. Pour point: N.A./N.A.

Blink: N.A./N.A.

Kinematic viscosity: N.A./N.A.

N.A./N.A.= Not Available/Not Applicable due to the nature of the product

SECTION 10: STABILITY AND REACTIVITY.

10.1 Reactivity.

If the storage conditions are satisfied, does not produce dangerous reactions.

10.2 Chemical stability.

Unstable in contact with:

- Acids.
- Bases.
- Oxidizing agents.

10.3 Possibility of hazardous reactions.

Flammable liquid and vapour.

In certain conditions this may cause a polymerization reaction.

10.4 Conditions to avoid.

Avoid the following conditions:

- Heating.
- High temperature.
- Static discharge.
- Contact with incompatible materials.
- Avoid temperatures near or above the flash point. Do not heat closed containers. Avoid direct sunlight and heat, as these may cause a risk of fire.

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10.5 Incompatible materials.

Avoid the following materials:

- Acids.
- Bases.
- Oxidizing agents.
- Explosives materials.
- Toxic materials.
- Oxidizing materials.

10.6 Hazardous decomposition products.

Depending on conditions of use, can be generated the following products:

- COx (carbon oxides).
- Organic compounds.

In case of fire, dangerous decomposition products can be generated, such as carbon monoxide and dioxide and nitrogen fumes and oxides.

SECTION 11: TOXICOLOGICAL INFORMATION.

2-butoxyethanol and its acetate are easily absorbed by the skin and can cause noxious effects to the kidneys.

IRRITANT PREPARATION. The inhalation of spray mist or suspended particulates can irritate the respiratory tract. It can also cause serious respiratory difficulties, central nervous system disorders, and in extreme cases, unconsciousness.

IRRITANT PREPARATION. Its repeated or prolonged contact with the skin or mucous membranes can cause irritant symptoms such as reddening of the skin, blisters, or dermatitis. Some of the symptoms may not be immediate. They can cause allergic reactions on the skin.

11.1 Information on toxicological effects.

Repeated or prolonged contact with the product can cause the elimination of oil from the skin, giving rise to non-allergic contact dermatitis and absorption of the product through the skin.

$\label{thm:composition} \textbf{Toxicological information about the substances present in the composition.}$

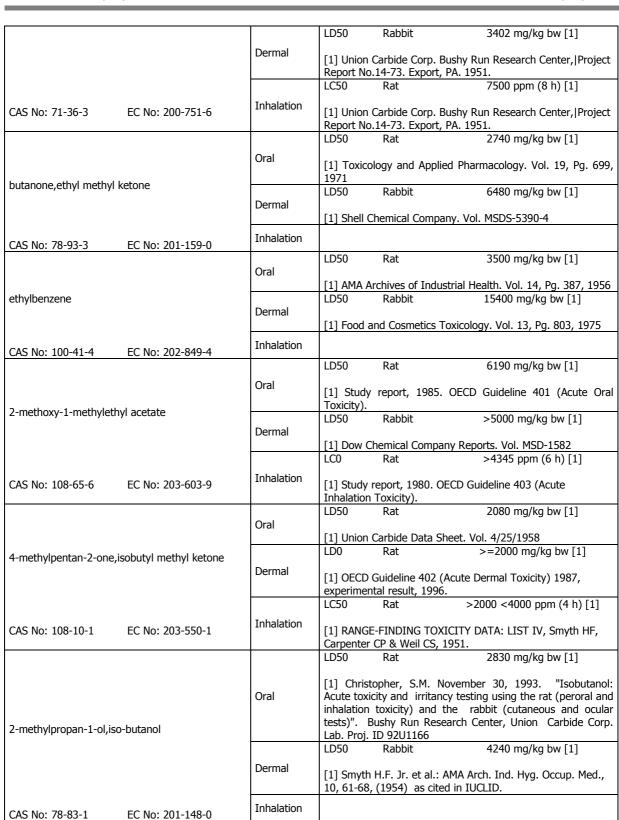
N	Acute toxicity					
Na	ame	Туре	Test	Kind	Value	
		Oral	LD50	Rat	10800 mg/kg bw [1]	
		Orai	Toxicology	, Part B. Vol. 1,		
n-butyl acetate			LD50	Rabbit	>17600 mg/kg bw [1]	
		Dermal		aterial Data Har 1, Pg. 7, 1974	ndbook, Vol.1: Organic Solvents,	
		Inhalation	LC50	Rat	1.85 mg/l/4 h [1]	
CAS No: 123-86-4	EC No: 204-658-1	Tillalation	[1] Inhalat	tion Toxicology.	Vol. 9, Pg. 623, 1997	
		Oral	LD50	Rat	4300 mg/kg bw [1]	
		Orui	[1] AMA Archives of Industrial Health. Vol. 14, Pg. 387, 1956			
xylene (Mixture of isome	ers)		LD50	Rabbit	> 1700 mg/kg bw [1]	
		Dermal		aterial Data Har 1, Pg. 123, 197	ndbook, Vol.1: Organic Solvents, 74	
			LC50	Rat	21,7 mg/l/4 h [1]	
CAS No: 1330-20-7	EC No: 215-535-7	Inhalation		aterial Data Har 1, Pg. 123, 197	ndbook, Vol.1: Organic Solvents, '4	
			LD50	Rat	4360 mg/kg bw [1]	
n-butanol,butan-1-ol		Oral	[1] Union Carbide Corp. Bushy Run Research Center, Project Report No.14-73. Export, PA. 1951.			

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a) acute toxicity;

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Not conclusive data for classification.

Acute Toxicity Estimate (ATE): Mixtures: ATE (Dermal) = 13.865 mg/kg ATE (Oral) = 7.131 mg/kg

b) skin corrosion/irritation;

Product classified:

Skin irritant, Category 2: Causes skin irritation.

c) serious eye damage/irritation;

Product classified:

Serious eye damage, Category 1: Causes serious eye damage.

d) respiratory or skin sensitisation;

Based on available data, the classification criteria are not met.

e) germ cell mutagenicity;

Not conclusive data for classification.

f) carcinogenicity;

Not conclusive data for classification.

g) reproductive toxicity;

Based on available data, the classification criteria are not met.

h) STOT-single exposure;

Product classified:

Specific target organ toxicity following a single exposure, Category 3:

i) STOT-repeated exposure;

Based on available data, the classification criteria are not met.

j) aspiration hazard;

Based on available data, the classification criteria are not met.

SECTION 12: ECOLOGICAL INFORMATION.

12.1 Toxicity.

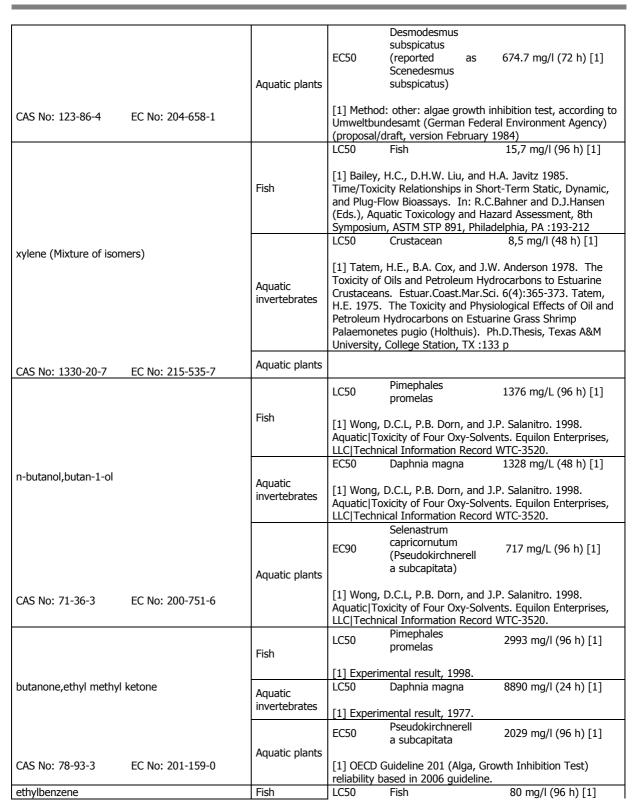
Name	Ecotoxicity					
Name	Туре	Test	Kind	Value		
n-butyl acetate	Fish	Brachydani Toxicity of Abwasser-F G.W., A.L. Acute Toxic	, o rerio and Leuciscus Chemicals and Wast Forsch. 51(2):49-52 (Jennings, D. Drozdov city of 47 Industrial (81 mg/l (96 h) [1] son of the Sensitivity of s idus by Testing the Fish ewaters. Z.Wasser- (GER) (ENG ABS). Dawson, wski, and E. Rider 1977. The Chemicals to Fresh and ter. 1(4):303-318 (OECDG		
	Aquatic invertebrates	EC50 [1] publicat	Daphnia sp. tion, 1959	44 mg/l (48 h) [1]		

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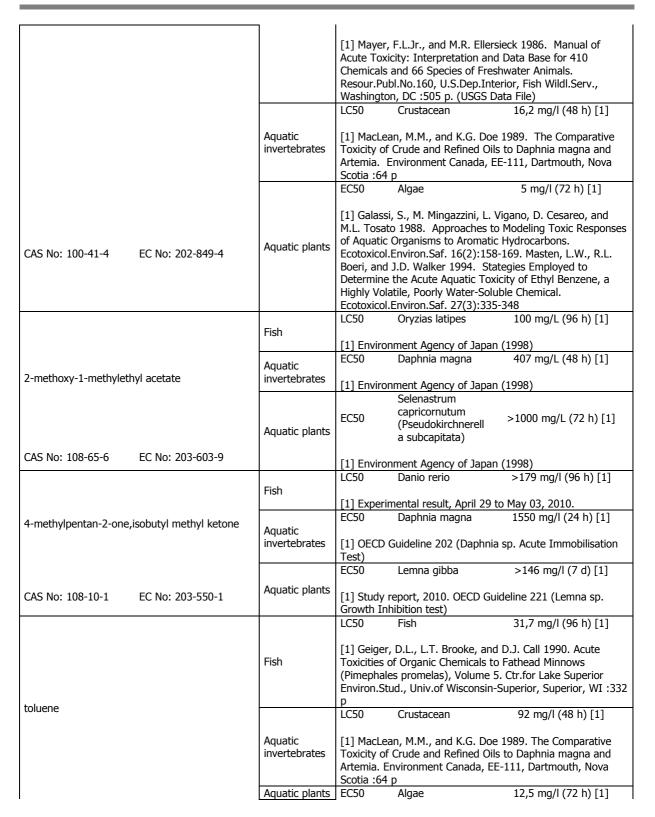


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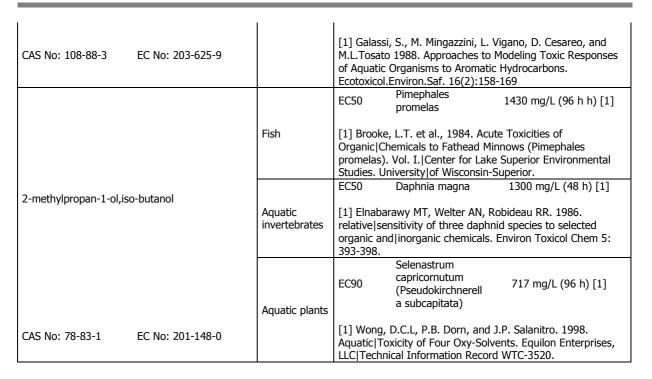


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12.2 Persistence and degradability.

There is no information available on the degradability of the substances present.

No information is available regarding the degradability of the substances present.No information is available about persistence and degradability of the product.

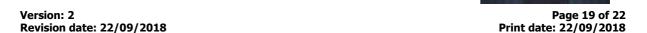
12.3 Bioaccumulative potential.

Information about the bioaccumulation of the substances present.

Name	Bioaccumulation			
Name	Log Pow	BCF	NOECs	Level
n-butyl acetate	1 70	_	_	Very low
N. CAS: 123-86-4 EC No: 204-658-1	1,78	-	-	very low
n-butanol,butan-1-ol	0,84			Very low
N. CAS: 71-36-3 EC No: 200-751-6	0,64	-	-	very low
butanone,ethyl methyl ketone	0,29			Very low
N. CAS: 78-93-3 EC No: 201-159-0	0,29	-	-	very low
ethylbenzene	3,15			Moderate
N. CAS: 100-41-4 EC No: 202-849-4	3,13	-	-	Moderate
4-methylpentan-2-one,isobutyl methyl ketone	1 21			Vonclous
N. CAS: 108-10-1 EC No: 203-550-1	1,31	-	-	Very low
toluene	2,73	-	-	Low

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N. CAS: 108-88-3	EC No: 203-625-9				
2-methylpropan-1-ol,iso-butanol		0.76			
N. CAS: 78-83-1	EC No: 201-148-0	0,76	-	-	Very low

12.4 Mobility in soil.

No information is available about the mobility in soil.

The product must not be allowed to go into sewers or waterways.

Prevent penetration into the ground.

12.5 Results of PBT and vPvB assessment.

No information is available about the results of PBT and vPvB assessment of the product.

12.6 Other adverse effects.

No information is available about other adverse effects for the environment.

SECTION 13 DISPOSAL CONSIDERATIONS.

13.1 Waste treatment methods.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.

Follow the provisions of Directive 2008/98/EC regarding waste management.

SECTION 14: TRANSPORT INFORMATION.

Transport following ADR rules for road transport, RID rules for railway, ADN for inner waterways, IMDG for sea, and ICAO/IATA for air transport.

<u>Land</u>: Transport by road: ADR, Transport by rail: RID.

Transport documentation: Consignment note and written instructions

<u>Sea:</u> Transport by ship: IMDG. Transport documentation: Bill of lading <u>Air</u>: Transport by plane: ICAO/IATA. Transport document: Airway bill.

14.1 UN number.

UN No: UN1263

14.2 UN proper shipping name.

Description:

ADR: UN 1263, PAINT, 3, PG III, (D/E)
IMDG: UN 1263, PAINT, 3, PG III
ICAO/IATA: UN 1263, PAINT, 3, PG III

14.3 Transport hazard class(es).

Class(es): 3

14.4 Packing group.

Packing group: III

14.5 Environmental hazards.

Marine pollutant: No

14.6 Special precautions for user.

Labels: 3

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Hazard number: 30 ADR LQ: 5 L IMDG LQ: 5 L ICAO LQ: 10 L

Provisions concerning carriage in bulk ADR: Not authorized carriage in bulk in accordance with ADR. Transport by ship, FEm – Emergency sheets (F – Fire, S - Spills): F-E,S-E Proceed in accordance with point 6.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code.

The product is not transported in bulk.

SECTION 15: REGULATORY INFORMATION.

15.1 Safety, health and environmental regulations/legislation specific for the mixture.

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

Volatile organic compound (VOC)

Product Subcategory (Directive 2004/42/EC): Topcoat (All types)

Phase I* (from 01/01/2007): 420 g/l Phase II* (from 01/01/2010): 420 g/l

(*) g/l ready to use

VOC content (p/p): 42,833 % VOC content: 415,965 g/l

The provisions of Directive 2004/42/EC on VOC apply to this product. Refer to the product label and/or technical data sheet for further information.

Product classification according to Annex I of Directive 2012/18/EU (SEVESO III): N/A

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

Kind of pollutant for the water (Germany): WGK 2: Hazardous for the water. (Autoclassified according to the AwSV Regulations)

15.2 Chemical safety assessment.

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION.

Complete text of the H phrases that appear in section 3:

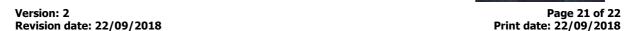
H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin. H315 Causes skin irritation.

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H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H361d Suspected of damaging the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

H373 May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard> (órganos de

audición)

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Classification codes:

Acute Tox. 4: Acute toxicity (Dermal), Category 4
Acute Tox. 4: Acute toxicity (Inhalation), Category 4
Acute Tox. 4: Acute toxicity (Oral), Category 4

Aquatic Acute 1 : Acute toxicity to the aquatic environment, Category 1 Aquatic Chronic 1 : Chronic effect to the aquatic environment, Category 1 Aquatic Chronic 3 : Chronic effect to the aquatic environment, Category 3

Asp. Tox. 1: Aspiration toxicity, Category 1 Eye Dam. 1: Serious eye damage, Category 1 Eye Irrit. 2: Eye irritation, Category 2 Flam. Liq. 2: Flammable liquid, Category 2 Flam. Liq. 3: Flammable liquid, Category 3 Repr. 2: Reproductive toxicant, Category 2

STOT RE 2 : Specific target organ toxicity following a repeated exposure, Category 2 STOT SE 3 : Specific target organ toxicity following a single exposure, Category 3

Skin Irrit. 2 : Skin irritant, Category 2 Skin Sens. 1 : Skin sensitiser, Category 1

Sections changed compared with the previous version:

1,4,16

It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly.

Abbreviations and acronyms used:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

AwSV: Facility Regulations for handling substances that are hazardous for the water.

BCF: Bioconcentration factor.

CEN: European Committee for Standardization.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be

considered a tolerable minimum.

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not

anticipated.

EC50: Half maximal effective concentration.

PPE: Personal protection equipment.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organization.

IMDG: International Maritime Code for Dangerous Goods.

LC50: Lethal concentration, 50%.

LD50: Lethal dose, 50%.

Log Pow: Logarithm of the partition octanol-water. NOEC: No observed effect concentration.

PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are

not expected in the environmental compartment.

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail.

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WGK: Water hazard classes.

Key literature references and sources for data: http://eur-lex.europa.eu/homepage.html http://echa.europa.eu/
Regulation (EU) 2015/830.
Regulation (EC) No 1907/2006.
Regulation (EU) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.