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

KCS-HR-KCS Hot Rod Red



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

1.1 Product identifier.

Product Name: KCS Hot Rod Red

Product Code: KCS-HR

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 Irrit. 2 : Causes serious eye irritation. Flam. Liq. 3 : Flammable liquid and vapour. STOT SE 3 : May cause respiratory irritation. STOT SE 3 : May cause drowsiness or dizziness.

2.2 Label elements.

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

Pictograms:





Signal Word:

Warning

H statements:

H226 Flammable liquid and vapour.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

P statements:

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

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

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P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P370+P378 In case of fire: Use... to extinguish.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P403+P235 Store in a well-ventilated place. Keep cool.

EUH statements:

EUH066 Repeated exposure may cause skin dryness or cracking.

Restricted to professional users.

Contains:

4-methylpentan-2-one, isobutyl 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 - Regulation No 1272/2008 Concentrate specific		
Identifiers	Identifiers Name		Classification	specific concentration limit	
Index No: 606-004- 00-4 CAS No: 108-10-1 EC No: 203-550-1 Registration No: 01- 2119473980-30-XXXX	[1] 4-methylpentan-2-one,isobutyl methyl ketone	20 - 50 %	Acute Tox. 4 *, H332 - Eye Irrit. 2, H319 - Flam. Liq. 2, H225 - STOT SE 3, H335	-	
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: 607-195- 00-7 CAS No: 108-65-6 EC No: 203-603-9 Registration No: 01- 2119475791-29-XXXX	[1] 2-methoxy-1-methylethyl acetate	2.5 - 10 %	Flam. Liq. 3, H226	-	
CAS No: 85029-58-9 EC No: 285-083-3	Amines, C10-14-branched and linear alkyl, bis[2-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl)azo]benzoato(2-)]chromate(1-)	0.25 - 2.5 %	Aquatic Acute 1, H400 - Aquatic Chronic 1, H410	-	

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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	0 - 1 %	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: 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)	0 - 10 %	Acute Tox. 4 *, H312 - Acute Tox. 4 *, H332 - Flam. Liq. 3, H226 - Skin Irrit. 2, H315	-
Index No: 616-001- 00-X CAS No: 68-12-2 EC No: 200-679-5 Registration No: 01- 2119475605-32-XXXX	[1] [4] N,N-dimethylformamide,dimethyl formamide	0.1 - 0.3 %	Acute Tox. 4 *, H312 - Acute Tox. 4 *, H332 - Eye Irrit. 2, H319 - Repr. 1B, H360D ***	-
Index No: 601-023- 00-4 CAS No: 100-41-4 EC No: 202-849-4 Registration No: 01- 2119489370-35-XXXX	[1] ethylbenzene	0 - 10 %	Acute Tox. 4 *, H332 - Asp. Tox. 1, H304 - Flam. Liq. 2, H225 - STOT RE 2, H373(órganos de audición)	-
Index No: 607-038- 00-2 CAS No: 112-07-2 EC No: 203-933-3 Registration No: 01- 2119475112-47-XXXX	[1] 2-butoxyethyl acetate,butylglycol acetate	0 - 2.5 %	Acute Tox. 4 *, H312 - Acute Tox. 4 *, H332	-
Index No: 607-035- 00-6 CAS No: 80-62-6 EC No: 201-297-1 Registration No: 01- 2119452498-28-XXXX	[1] methyl 2-methylprop-2-enoate,methyl 2-methylpropenoate,methyl methacrylate	0 - 1 %	Flam. Liq. 2, H225 - STOT SE 3, H335 - Skin Irrit. 2, H315 - Skin Sens. 1, H317	-
Index No: 601-021- 00-3 CAS No: 108-88-3 EC No: 203-625-9 Registration No: 01- 2119471310-51-XXXX	[1] toluene	0 - 3 %	Asp. Tox. 1, H304 - Flam. Liq. 2, H225 - Repr. 2, H361d *** - STOT RE 2 *, H373 ** - STOT SE 3, H336 - Skin Irrit. 2, H315	<u>-</u>
Index No: 603-108- 00-1 CAS No: 78-83-1 EC No: 201-148-0 Registration No: 01- 2119484609-23-XXXX	[1] 2-methylpropan-1-ol,iso-butanol	0 - 1 %	Eye Dam. 1, H318 - Flam. Liq. 3, H226 - STOT SE 3, H335 - STOT SE 3, H336 - Skin Irrit. 2, H315	-

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

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

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

^[4] Substance included in the list established under Article 59, paragraph 1, REACH (Candidate or subject to authorization).

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SECTION 4: FIRST AID MEASURES.

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.

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.

Remove contact lenses, if present and if it is easy to do. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance. Don't 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.

Irritant Product, repeated or prolonged contact with skin or mucous membranes can cause redness, blisters or dermatitis, inhalation of spray mist or particles in suspension may cause irritation of the respiratory tract, some symptoms may not be immediate.

${\bf 4.3\ Indication\ of\ any\ immediate\ medical\ attention\ and\ special\ treatment\ needed.}$

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

<u>Special risks.</u>

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.

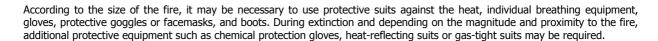
Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways. Product residues and extinguishing media may contaminate the aquatic environment. Follow the instructions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

Fire protection equipment.

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

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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			
		European	Eight hours	20	83			
		Union [1]	Short term	50	208			
		United	Eight hours	50	208			
		Kingdom [2]	Short term	100	416			
4-methylpentan-2-one,isobutyl methyl	108-10-1	United States	Eight hours	50				
ketone	100-10-1	[3] (Cal/OSHA)	Short term	75				
		United States	Eight hours	50				
		[4] (NIOSH)	Short term	75				
		United States	Eight hours	100	410			
		[5] (OSHA)	Short term					
		United	Eight hours	150	724			
		Kingdom [2]	Short term	200	966			
		United States	Eight hours	150				
n hutul postate	122.06.4	[3] (Cal/OSHA)	Short term	200				
n-butyl acetate	123-86-4	United States	Eight hours	150				
		[4] (NIOSH)	Short term	200	710			
		United States	Eight hours	150	710			
		[5] (OSHA)	Short term					
		European	Eight hours	50 (skin)	275 (skin)			
		Union [1]	Short term	100 (skin)	550 (skin)			
2-methoxy-1-methylethyl acetate	108-65-6	United	Eight hours	50	274			
		Kingdom [2]	Short term	100	548			
		United	Eight hours	100	3.10			
		Kingdom [2]	Short term	50	154			
		United States	Eight hours	(Ceiling) 50	10.			
		[3] (Cal/OSHA)	Short term	(ceiling) 50				
n-butanol,butan-1-ol	71-36-3	United States	Eight hours	(Ceiling) 50				
		[4] (NIOSH)	Short term	(ceiling) 50	300			
		United States Eight hours	100	300				
		[5] (OSHA)	Short term	100	300			
			Eight hours	50 (skin)	221 (skin)			
		European Union [1]	Short term	100 (skin)	442 (skin)			
xylene (Mixture of isomers)	1330-20-7	United	Eight hours	50	220			
		Kingdom [2]	Short term	100	441			
		European	Eight hours	5 (skin)	15 (skin)			
		Union [1]	Short term	10 (skin)	30 (skin)			
		United	Eight hours	5	15			
		Kingdom [2]	Short term	10	30			
N.N. dimothylformamida dimothyl		United States	Eight hours	10	30			
N,N-dimethylformamide,dimethyl formamide	68-12-2	[3] (Cal/OSHA)	Short term	10				
Torriamide				10				
		United States [4] (NIOSH)	Eight hours	10				
			Short term	10	20			
		United States	Eight hours	10	30			
		[5] (OSHA)	Short term	100 (-1::-)	442 (-1::-)			
		European	Eight hours	100 (skin)	442 (skin)			
		Union [1]	Short term	200 (skin)	884 (skin)			
		United	Eight hours	100	441			
		Kingdom [2]	Short term	125	552			
ethylbenzene	100-41-4	United States	Eight hours	5				
,		[3] (Cal/OSHA)	Short term	30				
		United States	Eight hours	100				
		[4] (NIOSH)	Short term	125				
		United States	Eight hours	100	435			
		[5] (OSHA)	Short term					
2-butoxyethyl acetate,butylglycol	112-07-2	European	Eight hours	20 (skin)	133 (skin)			
acetate	112-0/-2	Union [1]	Short term	50 (skin)	333 (skin)			

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	ı	I i i a i a a d	Fight barres	20	122		
		United	Eight hours	20	133		
		Kingdom [2]	Short term	50	332		
		European	Eight hours	50			
		Union [1]	Short term	100			
		United	Eight hours	50	208		
methyl 2-methylprop-2-enoate,methyl		Kingdom [2]	Short term	100	416		
2-methylpropenoate,methyl	80-62-6	United States	Eight hours	50			
methacrylate	00 02 0	[3] (Cal/OSHA)	Short term	100			
methaci yiate		United States	Eight hours	100			
		[4] (NIOSH)	Short term				
		United States	Eight hours	100	410		
		[5] (OSHA)	Short term				
		European	Eight hours	50 (skin)	192 (skin)		
		Union [1]	Short term	100 (skin)	384 (skin)		
		United	Eight hours	50	191		
		Kingdom [2]	Short term	100	384		
		United States	Eight hours	10			
		[3] (Cal/OSHA)	Short term	150 (Ceiling) 500			
		United States	Eight hours	100			
		[4] (NIOSH)	Short term	150			
toluene	108-88-3	,	Eight hours				
		United States [5] (OSHA)	United States [5] (OSHA) Short term Eight hours 200 300 Acceptable maximum peak above the acceptable ceiling concentration for an 8-hr shift: 500 [10 min]				
		United	Eight hours	50	154		
		Kingdom [2]	Short term	75	231		
		United States	Eight hours	50			
2 mothylproppe 1 olice butaral	78-83-1	[3] (Cal/OSHA)	Short term				
2-methylpropan-1-ol,iso-butanol	/8-83-1	United States	Eight hours	50			
		[4] (NIOSH)	Short term				
	1	United States	Eight hours	100	300		
		I Ullicu States	Ligit ilouis				

^[1] 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).

Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Туре	Value
	DNEL	Inhalation, Long-term, Local effects	83
4-methylpentan-2-one,isobutyl methyl ketone	(Workers)		(mg/m³)
	DNEL (General	Inhalation, Long-term, Local effects	14,7
	population)		(mg/m³)
	DNEL	Inhalation, Long-term, Systemic effects	83
CAS No: 108-10-1 EC No: 203-550-1	(Workers)		(mg/m³)
LC No. 203-330-1	DNEL (General	Inhalation, Long-term, Systemic effects	14,7
	population)		(mg/m³)
	DNEL	Inhalation, Acute, Systemic effects	208
	(Workers)		(mg/m³)

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

^[3] California Division of Occupational Safety and Health (Cal/OSHA) Permissible Exposure Limits (PELs).

^[4] According Compendium of Policy Documents and Statements adopted by National Institute for Occupational Safety and Health (NIOSH).

^[5] According Occupational Health and Safety Standards and US Code of Federal Regulations adopted by US Occupational Safety and Health Administration (OSHA).

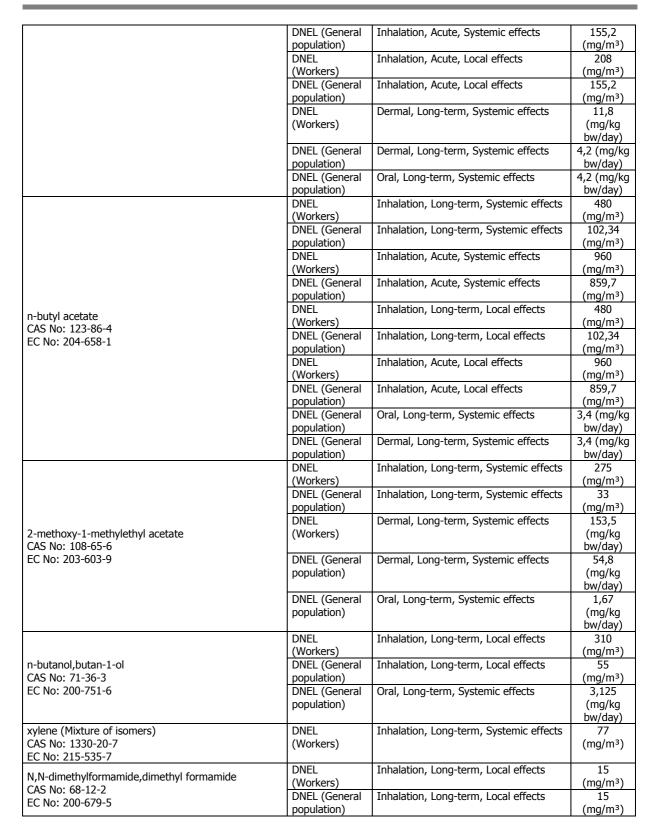
The product does NOT contain substances with Biological Limit Values.

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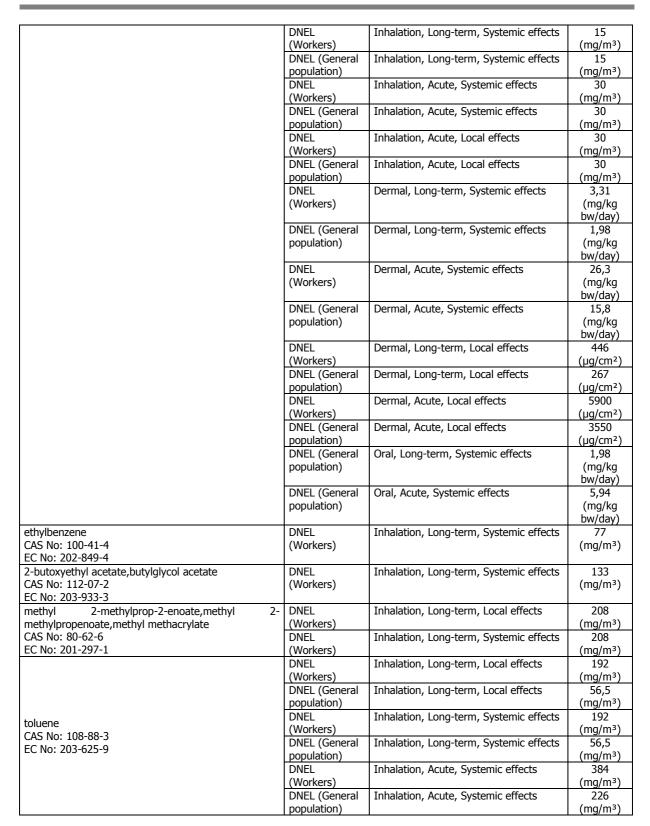


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	DNEL (Workers)	Inhalation, Acute, Local effects	384 (mg/m³)
	DNEL (General population)	Inhalation, Acute, Local effects	226 (mg/m³)
	DNEL (Workers)	Dermal, Long-term, Systemic effects	384 (mg/kg bw/day)
	DNEL (General population)	Dermal, Long-term, 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 CAS No: 78-83-1	DNEL (Workers)	Inhalation, Long-term, Local effects	310 (mg/m³)
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.

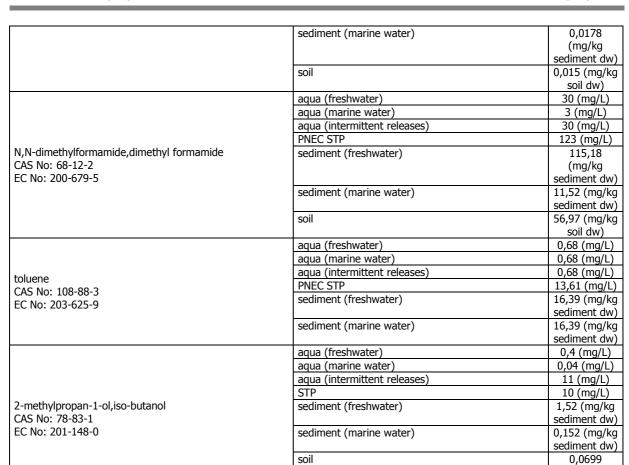
Concentration levels PNEC:

Name	Details	Value
	aqua (freshwater)	0,6 (mg/L)
	aqua (marine water)	0,06 (mg/L)
	aqua (intermittent releases)	1,5 (mg/L)
4-methylpentan-2-one,isobutyl methyl ketone	PNEC STP	27,5 (mg/L)
CAS No: 108-10-1	sediment (freshwater)	8,27 (mg/kg
EC No: 203-550-1		sediment dw)
LC NO. 203 330 1	sediment (marine water)	0,83 (mg/kg
		sediment dw)
	soil	1,3 (mg/kg
		soil dw)
	aqua (freshwater)	0,18 (mg/l)
	aqua (marine water)	0,018 (mg/l)
	aqua (intermittent releases)	0,36 (mg/l)
n-butyl acetate	PNEC STP	35,6 (mg/l)
CAS No: 123-86-4 EC No: 204-658-1	sediment (freshwater)	0,981 (mg/kg
		sediment dw)
	sediment (marine water)	0,0981
		(mg/kg
		sediment dw)
	aqua (freshwater)	0,635 (mg/L)
	aqua (marine water)	0,0635
		(mg/L)
	aqua (intermittent releases)	6,35 (mg/L)
2-methoxy-1-methylethyl acetate	PNEC STP	100 (mg/L)
CAS No: 108-65-6	sediment (freshwater)	3,29 (mg/kg
EC No: 203-603-9		sediment dw)
	sediment (marine water)	0,329 (mg/kg
		sediment dw)
	soil	0,29 (mg/kg
		soil dw)
	aqua (freshwater)	0,082 (mg/L)
	aqua (marine water)	0,0082
n-butanol,butan-1-ol		(mg/L)
CAS No: 71-36-3	aqua (intermittent releases)	2,25 (mg/L)
EC No: 200-751-6	PNEC STP	2476 (mg/L)
	sediment (freshwater)	0,178 (mg/kg
		sediment dw)

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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 protect	ion:
If the recommended	d technical measures are observed, no individual protection equipment is necessary.
Hand protection:	
If the product is har	ndled correctly, no individual protection equipment is necessary.
Eye protection:	
PPE: Characteristics:	Face shield. «CE» marking, category II. Face and eye protector against splashing liquid.
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. Make sure that mobile parts move smoothly.
Observations:	Face shields should offer a field of vision with a dimension in the central line of, at least, 150 mm vertically once attached to the frame.
Skin protection:	

(mg/kg soil dw)

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PPE: Anti-static protective clothing.

«CE» marking, category II. Protective clothing should not be too tight or loose in Characteristics:

order not to obstruct the user's movements.

EN 340, EN 1149-1, EN 1149-2, EN 1149-3, EN 1149-5 CEN standards:

In order to guarantee uniform protection, follow the washing and maintenance instructions provided by Maintenance:

the manufacturer.

The protective clothing should offer a level of comfort in line with the level of protection provided in Observations:

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

The footwear should be checked regularly Maintenance:

The level of comfort during use and acceptability are factors that are assessed very differently depending

on the user. Therefore, it is advisable to try on different footwear models and, if possible, different Observations:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties.

Appearance: Liquid with characteristic odour

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

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

pH:N.A./N.A.

Melting point: N.A./N.A. Boiling Point: 83 °C Flash point: 23 °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: 15,955 Vapour density: N.A./N.A. Relative density:0,891 Solubility: N.A./N.A. Liposolubility: 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.

Hydrosolubility: 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.

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Stable under the recommended handling and storage conditions (see section 7).

10.3 Possibility of hazardous reactions.

Flammable liquid and vapour.

10.4 Conditions to avoid.

Avoid the following conditions:

- 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.

10.5 Incompatible materials.

Avoid the following materials:

- Explosives materials.
- Toxic materials.
- Oxidizing materials.

10.6 Hazardous decomposition products.

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. Splatters in the eyes can cause irritation.

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.

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.

Splatters in the eyes can cause irritation and reversible damage.

Toxicological information about the substances present in the composition.

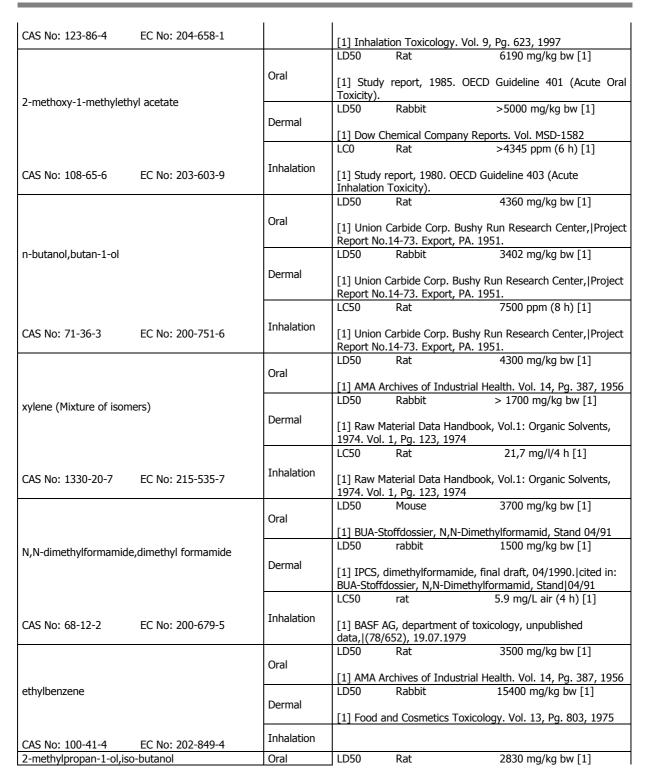
Nama		Acute toxicity			
Name	Туре	Test	Kind	Value	
	Oral	LD50	Rat	2080 mg/kg bw [1]	
		[1] Union C	Carbide Data Sh	eet. Vol. 4/25/1958	
4-methylpentan-2-one,isobutyl methyl ketone		LD0	Rat	>=2000 mg/kg bw [1]	
	Dermal	[1] OECD Guideline 402 (Acute Dermal Toxicity) 1987, experimental result, 1996.			
		LC50	Rat	>2000 <4000 ppm (4 h) [1]	
CAS No: 108-10-1	Inhalation		-FINDING TOXI CP & Weil CS, 1	CITY DATA: LIST IV, Smyth HF, 951.	
		LD50	Rat	10800 mg/kg bw [1]	
	Oral		Toxicity Data. J , Part B. Vol. 1,	ournal of the American College of Pg. 196, 1992	
n-butyl acetate		LD50	Rabbit	>17600 mg/kg bw [1]	
	Dermal		aterial Data Han 1, Pg. 7, 1974	dbook, Vol.1: Organic Solvents,	
	Inhalation	LC50	Rat	1.85 mg/l/4 h [1]	

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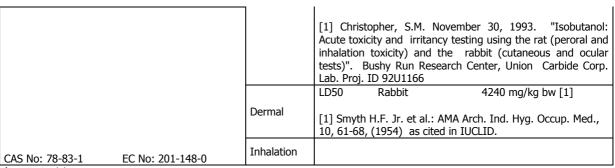
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a) acute toxicity;

Not conclusive data for classification.

b) skin corrosion/irritation;

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

c) serious eye damage/irritation;

Product classified:

Eye irritation, Category 2: Causes serious eye irritation.

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.

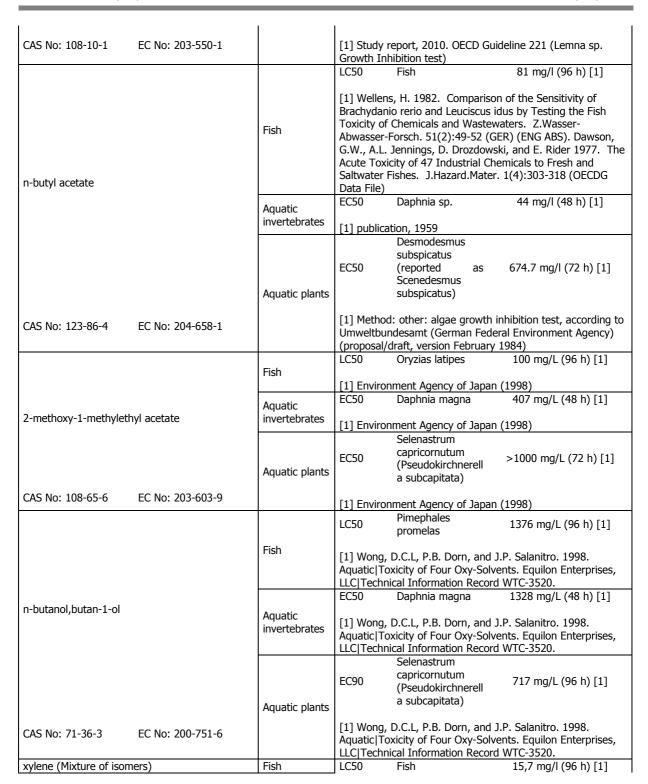
12.1 Toxicity.

Name		Ecotoxicity			
Hame	Туре	Test	Kind	Value	
	Fish	LC50	Danio rerio	>179 mg/l (96 h) [1]	
		[1] Experimental result, April 29 to May 03, 2010.			
4-methylpentan-2-one,isobutyl methyl ketone	Aquatic	EC50	Daphnia magna	1550 mg/l (24 h) [1]	
	invertebrates	[1] OECD (Test)	Guideline 202 (Daphr	nia sp. Acute Immobilisation	
	Aquatic plants	EC50	Lemna gibba	>146 mg/l (7 d) [1]	

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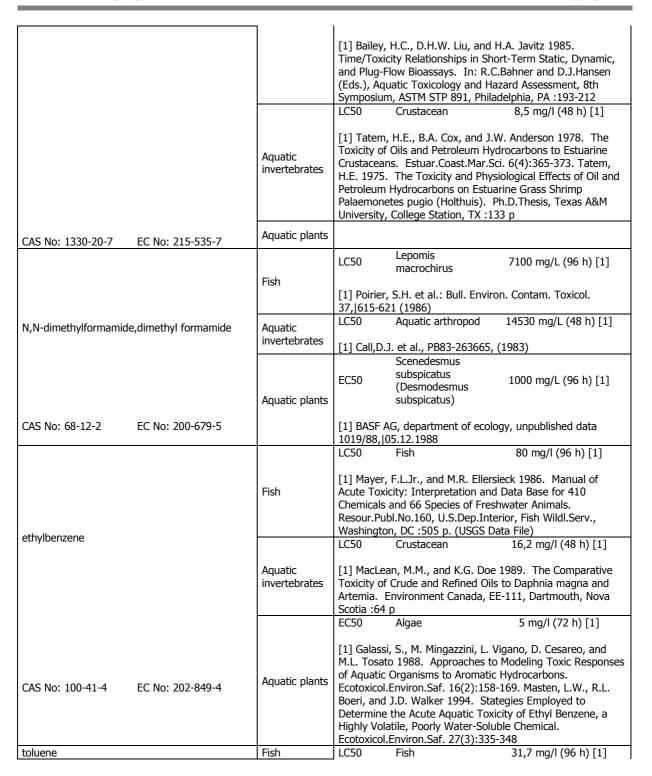
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	-	
		[1] Geiger, D.L., L.T. Brooke, and D.J. Call 1990. Acute Toxicities of Organic Chemicals to Fathead Minnows (Pimephales promelas), Volume 5. Ctr.for Lake Superior Environ.Stud., Univ.of Wisconsin-Superior, Superior, WI :332 p LC50 Crustacean 92 mg/l (48 h) [1]
	Aquatic invertebrates	[1] MacLean, M.M., and K.G. Doe 1989. The Comparative Toxicity of Crude and Refined Oils to Daphnia magna and Artemia. Environment Canada, EE-111, Dartmouth, Nova Scotia :64 p
		EC50 Algae 12,5 mg/l (72 h) [1]
CAS No: 108-88-3 EC No: 203-625-9	Aquatic plants	[1] Galassi, S., M. Mingazzini, L. Vigano, D. Cesareo, and M.L.Tosato 1988. Approaches to Modeling Toxic Responses of Aquatic Organisms to Aromatic Hydrocarbons. Ecotoxicol.Environ.Saf. 16(2):158-169
		EC50 Pimephales promelas 1430 mg/L (96 h h) [1]
	Fish	[1] Brooke, L.T. et al., 1984. Acute Toxicities of Organic Chemicals to Fathead Minnows (Pimephales promelas). Vol. I. Center for Lake Superior Environmental Studies. University of Wisconsin-Superior.
2 mathedronau 1 alian hotauri		EC50 Daphnia magna 1300 mg/L (48 h) [1]
2-methylpropan-1-ol,iso-butanol	Aquatic invertebrates	[1] Elnabarawy MT, Welter AN, Robideau RR. 1986. relative sensitivity of three daphnid species to selected organic and inorganic chemicals. Environ Toxicol Chem 5: 393-398.
	Aquatic plants	Selenastrum capricornutum (Pseudokirchnerell a subcapitata) 717 mg/L (96 h) [1]
CAS No: 78-83-1 EC No: 201-148-0		[1] Wong, D.C.L, P.B. Dorn, and J.P. Salanitro. 1998. Aquatic Toxicity of Four Oxy-Solvents. Equilon Enterprises, LLC Technical Information Record WTC-3520.

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.

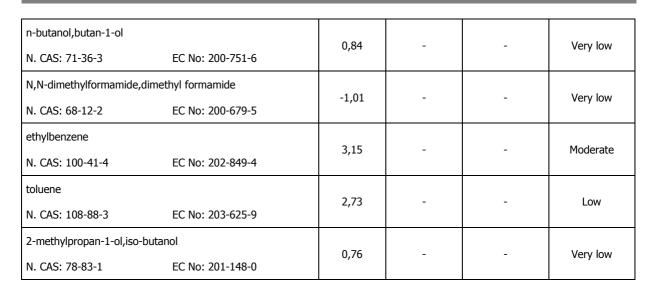
Information about the bioaccumulation of the substances present.

Name		Bioaccumulation				
		Log Pow	BCF	NOECs	Level	
4-methylpentan-2-one,isc	obutyl methyl ketone	1 21		-	Very low	
N. CAS: 108-10-1	EC No: 203-550-1	1,31	-			
n-butyl acetate		1 70	1 70	_	_	Very low
N. CAS: 123-86-4	EC No: 204-658-1	1,78	-	-	very low	

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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.

Land: 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.

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14.1 UN number.

UN No: UN1263

14.2 UN proper shipping name.

14.3 Transport hazard class(es).

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

, , , , , ,

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



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): Special finishes (All types)

Phase I* (from 01/01/2007): 840 g/l Phase II* (from 01/01/2010): 840 g/l

(*) g/l ready to use

VOC content (p/p): 67,85 % VOC content: 604,47 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.

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

Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles:

- 1 1 A1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Designation of the substance, of the	Conditions of restriction
group of substances or of the mixture	
30. Substances which appear in Part 3 of	Shall not be placed on the market, or used,
Annex VI to Regulation (EC) No 1272/2008	- as substances,
classified as toxic to reproduction category	- as constituents of other substances, or,
1A or 1B (Table 3.1) or toxic to reproduction	- in mixtures,
category 1 or 2 (Table 3.2) and listed as	for supply to the general public when the individual concentration in the
follows:	substance or mixture is equal to or greater than:
- Reproductive toxicant category 1A adverse	- either the relevant specific concentration limit specified in Part 3 of Annex VI
effects on sexual function and fertility or on	to Regulation (EC) No 1272/2008, or,
development (Table 3.1) or reproductive	- the relevant concentration specified in Directive 1999/45/EC where no
toxicant category 1 with R60 (May impair	specific concentration limit is set out in Part 3 of Annex VI to Regulation (EC)
fertility) or R61 (May cause harm to the	No 1272/2008.
unborn child) (Table 3.2) listed in Appendix 5	Without prejudice to the implementation of other Community provisions
- Reproductive toxicant category 1B adverse	relating to the classification, packaging and labelling of substances and
effects on sexual function and fertility or on	mixtures, suppliers shall ensure before the placing on the market that the
development (Table 3.1) or reproductive	packaging of such substances and mixtures is marked visibly, legibly and
toxicant category 2 with R60 (May impair	indelibly as follows:
fertility) or R61 (May cause harm to the	'Restricted to professional users'.
unborn child) (Table 3.2) listed in Appendix 6	2. By way of derogation, paragraph 1 shall not apply to:
	(a) medicinal or veterinary products as defined by Directive 2001/82/EC and
	Directive 2001/83/EC;
	(b) cosmetic products as defined by Directive 76/768/EEC;
	(c) the following fuels and oil products:
	- motor fuels which are covered by Directive 98/70/EC,
	- mineral oil products intended for use as fuel in mobile or fixed combustion
	plants,
	- fuels sold in closed systems (e.g. liquid gas bottles);
	(d) artists' paints covered by Directive 1999/45/EC;
	(e) the substances listed in Appendix 11, column 1, for the applications or
	uses listed in Appendix 11, column 2. Where a date is specified in column 2 of
	Appendix 11, the derogation shall apply until the said date.
48. Toluene	Shall not be placed on the market, or used, as a substance or in mixtures in a
CAS No 108-88-3	concentration equal to or greater than 0,1 % by weight where the substance
EC No 203-625-9	or mixture is used in adhesives or spray paints intended for supply to the
	general public.

Kind of pollutant for the water (Germany): WGK 1: Slightly 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.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eve irritation.

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H332 Harmful if inhaled.

H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H360D May damage the unborn child.

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. 1B : Reproductive toxicant, Category 1B 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.

WGK: Water hazard classes.

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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.