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

## c8500-Barniz C8500 NT



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

#### 1.1 Product identifier.

Product Name: Barniz C8500 NT

Product Code: c8500

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

Finishing at color protection

#### 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.

Flam. Liq. 3: Flammable liquid and vapour.

Repr. 1A: May damage fertility or the unborn child.

STOT SE 3: May cause drowsiness or dizziness.

#### 2.2 Label elements.

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

Pictograms:







#### Signal Word:

### Danger

H statements:

H226 Flammable liquid and vapour.
 H336 May cause drowsiness or dizziness.
 H360 May damage fertility or the unborn child.
 H412 Harmful to aquatic life with long lasting effects.

P statements:

P201 Obtain special instructions before use.

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.

P273 Avoid release to the environment.

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

P308+P313 IF exposed or concerned: Get medical advice/attention.

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

EUH statements:

EUH208 Contains 2-hydroxyethyl methacrylate. May produce an allergic reaction.

EUH208 Contains [3-[3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-w-[3-[3-

(2Hbenzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]poly(oxy-1,2-ethanediyl). May produce an allergic

reaction.

EUH208 Contains bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate. May produce an allergic reaction.

EUH208 Contains Triisotridecyl phosphite. May produce an allergic reaction.

EUH208 Contains methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate. May produce an allergic reaction.

Restricted to professional users.

Contains:

n-butyl acetate dibutyltin dilaurate

Hydrocarbons, C9, aromatics

#### 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	10 - 20 %	Flam. Liq. 3, H226 - STOT SE 3, H336	-
Index No: 606-026- 00-4 CAS No: 110-12-3 EC No: 203-737-8 Registration No: 01- 2119472300-51-XXXX	[1] 5-methylhexan-2-one,isoamyl methyl ketone	1 - 25 %	Acute Tox. 4 *, H332 - Flam. Liq. 3, H226	-
EC No: 918-668-5 Registration No: 01- 2119455851-35-XXXX	Hydrocarbons, C9, aromatics	2.5 - 10 %	Aquatic Chronic 2, H411 - Asp. Tox. 1, H304 - Flam. Liq. 3, H226 - STOT SE 3, H335 - STOT SE 3, H336	-

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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: 104810-47-1 EC No: 400-830-7 Registration No: 01- 0000015075-76-XXXX	[3-[3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-w-[3-[3-(2Hbenzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]poly(oxy-1,2-ethanediyl)	0.1 - 1 %	Aquatic Chronic 2, H411 - Skin Sens. 1, H317	-
CAS No: 77-58-7 EC No: 201-039-8 Registration No: 01- 2119496068-27-XXXX	dibutyltin dilaurate	0.3 - 1 %	Aquatic Acute 1, H400 - Muta. 2, H341 - Repr. 1A, H360 - STOT RE 1, H372 - STOT SE 1, H370 - Skin Corr. 1B, H314 - Skin Sens. 1, H317	-
CAS No: 77745-66-5 EC No: 278-758-9 Registration No: 01- 2119487302-40	Triisotridecyl phosphite	0.1 - 25 %	Aquatic Chronic 4, H413 - Skin Sens. 1, H317	Skin Sens. 1, H317: C > = 92,1 %
CAS No: 41556-26-7 EC No: 255-437-1	bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	0.1 - 0.25 %	Aquatic Acute 1, H400 - Aquatic Chronic 1, H410 - Skin Sens. 1, H317	-
Index No: 016-022- 00-9 CAS No: 75-08-1 EC No: 200-837-3 Registration No: 01- 2119491286-30-XXXX	[1] ethanethiol,ethyl mercaptan	0.1 - 0.25 %	Acute Tox. 4 *, H332 - Aquatic Acute 1, H400 - Aquatic Chronic 1, H410 - Flam. Liq. 2, H225	-
CAS No: 82919-37-7 EC No: 280-060-4	methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	0.1 - 0.25 %	Aquatic Acute 1, H400 - Aquatic Chronic 1, H410 - Skin Sens. 1, H317	-
Index No: 607-124- 00-X CAS No: 868-77-9 EC No: 212-782-2 Registration No: 01- 2119490169-29-XXXX	2-hydroxyethyl methacrylate	0.1 - 1 %	Eye Irrit. 2, H319 - Skin Irrit. 2, H315 - Skin Sens. 1, H317	-
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: 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)	-

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<sup>(\*)</sup> The complete text of the H phrases is given in section 16 of this Safety Data Sheet.

### **SECTION 4: FIRST AID MEASURES.**

#### 4.1 Description of first aid measures.

Delayed effects may occur after the exposure to the product.

#### 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.

#### Eve 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.

#### 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.

Long-term chronic exposure may result in injury to certain organs or tissues.

#### 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. Keep the person comfortable. Turn him/her over to the left side and stay there while waiting for medical care.

#### **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.

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

<sup>[1]</sup> Substance with a Community workplace exposure limit (see section 8.1).

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#### 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.

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

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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:

Name	CAS No.	Country	Limit value	ppm	mg/m³
		United	Eight hours	150	724
		Kingdom [1]	Short term	200	966
		United States	Eight hours	150	
n hutul acetate	123-86-4	[2] (Cal/OSHA)	Short term	200	
n-butyl acetate	123-00-4	United States	Eight hours	150	
		[3] (NIOSH)	Short term	200	
		United States	Eight hours	150	710
		[4] (OSHA)	Short term		
		European	Eight hours	20	95
5-methylhexan-2-one,isoamyl methyl	110-12-3	Union [5]	Short term		
ketone	110-12-3	United	Eight hours	20	95
		Kingdom [1]	Short term	100	475
		European	Eight hours	50 (skin)	275 (skin)
2-methoxy-1-methylethyl acetate	108-65-6	Union [5]	Short term	100 (skin)	550 (skin)
2 metroxy i metryletryr acetate	100 05 0	United	Eight hours	50	274
		Kingdom [1]	Short term	100	548
ethanethiol,ethyl mercaptan	75-08-1	United	Eight hours	0,5	1,3
ethanethor,ethyr mercaptan	75 00 1	Kingdom [1]	Short term	2	5,2
	1330-20-7	European	Eight hours	50 (skin)	221 (skin)
xylene (Mixture of isomers)		Union [5]	Short term	100 (skin)	442 (skin)
Aylerie (Mixture of Isomers)		United	Eight hours	50	220
		Kingdom [1]	Short term	100	441
		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	
Caryiberizerie	100 11 1	[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	50 (skin)	192 (skin)
		Union [5]	Short term	100 (skin)	384 (skin)
		United	Eight hours	50	191
		Kingdom [1]	Short term	100	384
toluene	108-88-3	United States	Eight hours	10	
		[2] (Cal/OSHA)	Short term	150 (Ceiling) 500	
		United States	Eight hours	100	
		[3] (NIOSH)	Short term	150	
		United States	Eight hours	200	

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[4] (OSHA) Short term	300 Acceptable maximum peak above the acceptable ceiling concentration for an 8-hr shift: 500 [10 min]
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<sup>[1]</sup> 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
	(Workers)		(mg/m³)
	DNEL (General	Inhalation, Long-term, Systemic effects	102,34
	population)		(mg/m³)
	DNEL	Inhalation, Acute, Systemic effects	960
	(Workers)		(mg/m³)
	DNEL (General	Inhalation, Acute, Systemic effects	859,7
	population)		(mg/m³)
n hut dispetate	DNEL	Inhalation, Long-term, Local effects	480
n-butyl acetate CAS No: 123-86-4	(Workers)		(mg/m³)
EC No: 204-658-1	DNEL (General	Inhalation, Long-term, Local effects	102,34
LC No. 204-030-1	population)		(mg/m³)
	DNEL	Inhalation, Acute, Local effects	960
	(Workers)		(mg/m³)
	DNEL (General	Inhalation, Acute, Local effects	859,7
	population)		(mg/m³)
	DNEL (General	Oral, Long-term, Systemic effects	3,4 (mg/kg
	population)		bw/day)
	DNEL (General	Dermal, Long-term, Systemic effects	3,4 (mg/kg
	population)		bw/day)
5-methylhexan-2-one,isoamyl methyl ketone	DNEL	Inhalation, Long-term, Systemic effects	95
CAS No: 110-12-3	(Workers)		(mg/m³)
EC No: 203-737-8			
	DNEL	Inhalation, Long-term, Systemic effects	150
	(Workers)		(mg/m³)
	DNEL (General	Inhalation, Long-term, Systemic effects	32
Hydrocarbons, C9, aromatics	population)		(mg/m³)
CAS No:	DNEL	Dermal, Long-term, Systemic effects	25 (mg/kg
EC No: 918-668-5	(Workers)		bw/day)
LC NO. 910 000 5	DNEL (General	Dermal, Long-term, Systemic effects	11 (mg/kg
	population)		bw/day)
	DNEL (General	Oral, Long-term, Systemic effects	11 (mg/kg
	population)		bw/day)
	DNEL	Inhalation, Long-term, Systemic effects	275
	(Workers)		(mg/m³)
2-methoxy-1-methylethyl acetate	DNEL (General	Inhalation, Long-term, Systemic effects	33
CAS No: 108-65-6	population)		(mg/m³)
EC No: 203-603-9	DNEL	Dermal, Long-term, Systemic effects	153,5
	(Workers)		(mg/kg
			bw/day)

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

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

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

<sup>[5]</sup> 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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		T	
	DNEL (General	Dermal, Long-term, Systemic effects	54,8
	population)		(mg/kg
	DNEL (General	Oral, Long-term, Systemic effects	bw/day) 1,67
	population)	Oral, Long-term, Systemic effects	(mg/kg
	population)		bw/day)
dibutyltin dilaurate	DNEL	Inhalation, Long-term, Systemic effects	0,01
CAS No: 77-58-7	(Workers)		(mg/m³)
EC No: 201-039-8	ì		,
ethanethiol,ethyl mercaptan	DNEL	Inhalation, Long-term, Local effects	18,6
CAS No: 75-08-1	(Workers)		(mg/m³)
EC No: 200-837-3	DNEL	Inhalation, Long-term, Systemic effects	14,5
	(Workers)		(mg/m³)
2-hydroxyethyl methacrylate CAS No: 868-77-9	DNEL (Morkors)	Inhalation, Long-term, Systemic effects	4,9
EC No: 212-782-2	(Workers)		(mg/m³)
xylene (Mixture of isomers)	DNEL	Inhalation, Long-term, Systemic effects	77
CAS No: 1330-20-7	(Workers)	Imaladori, zorig territ, oysternic errece	(mg/m³)
EC No: 215-535-7			( 3, )
ethylbenzene	DNEL	Inhalation, Long-term, Systemic effects	77
CAS No: 100-41-4	(Workers)		(mg/m³)
EC No: 202-849-4	1		
	DNEL	Inhalation, Long-term, Local effects	192
	(Workers) DNEL (General	Inhalation, Long-term, Local effects	(mg/m³) 56,5
	population)	Initialation, Long-term, Local effects	(mg/m³)
	DNEL	Inhalation, Long-term, Systemic effects	192
	(Workers)		(mg/m³)
	DNEL (General	Inhalation, Long-term, Systemic effects	56,5
	population)		$(mg/m^3)$
	DNEL	Inhalation, Acute, Systemic effects	384
	(Workers)		(mg/m³)
Anh	DNEL (General	Inhalation, Acute, Systemic effects	226
toluene CAS No: 108-88-3	population) DNEL	Inhalation, Acute, Local effects	(mg/m³) 384
EC No: 203-625-9	(Workers)	Initialation, Acute, Local effects	30 <del>4</del> (mg/m³)
26 1161 265 625 7	DNEL (General	Inhalation, Acute, Local effects	226
	population)	Initialization, reduce, Edear effects	(mg/m³)
	DNEL	Dermal, Long-term, Systemic effects	384
	(Workers)	, , ,	(mg/kg
			bw/day)
	DNEL (General	Dermal, Long-term, Systemic effects	226
	population)		(mg/kg
	DNEL (C		bw/day)
	DNEL (General	Oral, Long-term, Systemic effects	8,13
	population)		(mg/kg
	1		bw/day)

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:

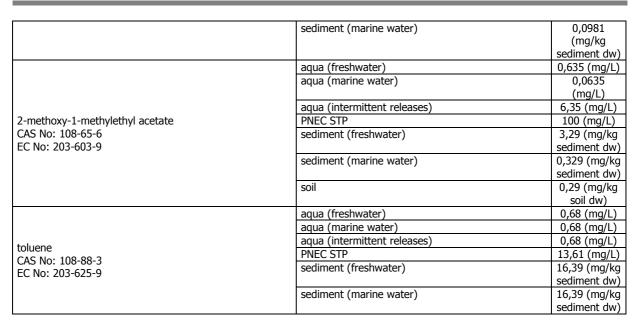
Name	Details	Value
n-butyl acetate CAS No: 123-86-4 EC No: 204-658-1	aqua (freshwater)	0,18 (mg/l)
	aqua (marine water)	0,018 (mg/l)
	aqua (intermittent releases)	0,36 (mg/l)
	PNEC STP	35,6 (mg/l)
	sediment (freshwater)	0,981 (mg/kg
	, ,	sediment dw)

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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:**

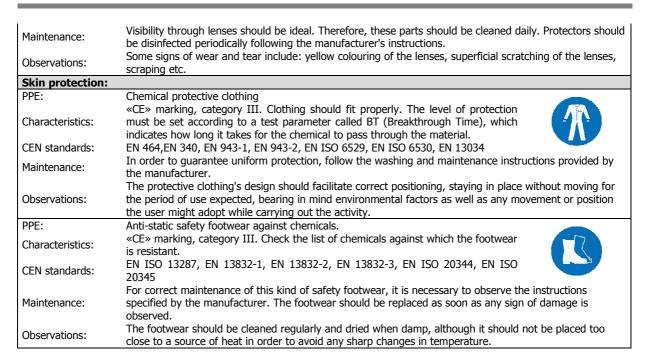
Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

Concentration:	100 %
Uses:	Finishing at color protection
Breathing protect	tion:
PPE:	Filter mask for protection against gases and particles.
Characteristics:	«CE» marking, category III. The mask must have a wide field of vision and an anatomically designed form in order to be sealed and watertight.
CEN standards:	EN 136, EN 140, EN 405
Maintenance:	Should not be stored in places exposed to high temperatures and damp environments before use. Special attention should be paid to the state of the inhalation and exhalation valves in the face adaptor.
Observations:	Read carefully the manufacturer's instructions regarding the equipment's use and maintenance. Attach the necessary filters to the equipment according to the specific nature of the risk (Particles and aerosols: P1-P2-P3, Gases and vapours: A-B-E-K-AX), changing them as advised by the manufacturer.
Filter Type needed:	: A2
Hand protection:	
PPE:	Non-disposable protective gloves against chemicals.
Characteristics:	«CE» marking, category III. Check the list of chemicals for which the glove has been tested.
CEN standards:	EN 374-1, En 374-2, EN 374-3, EN 420
Maintenance:	A schedule for the periodical replacement of gloves should be established in order to guarantee their replacement before pollutants permeate them. The use of contaminated gloves could be more dangerous than not using gloves, since the pollutant can gradually accumulate in the glove's material.
Observations:	They are to be replaced whenever tears, cracks or deformations are observed or when exterior dirt could reduce their strength.
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

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### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.**

#### 9.1 Information on basic physical and chemical properties.

Appearance: Transparent liquid with characteristic odour

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: 130 °C Flash point: 40 °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: 14,037
Vapour density:N.A./N.A.

Vapour density:N.A./N.A. Relative density:1,006 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

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## **SECTION 10: STABILITY AND REACTIVITY.**

#### 10.1 Reactivity.

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

#### 10.2 Chemical stability.

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.**

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.

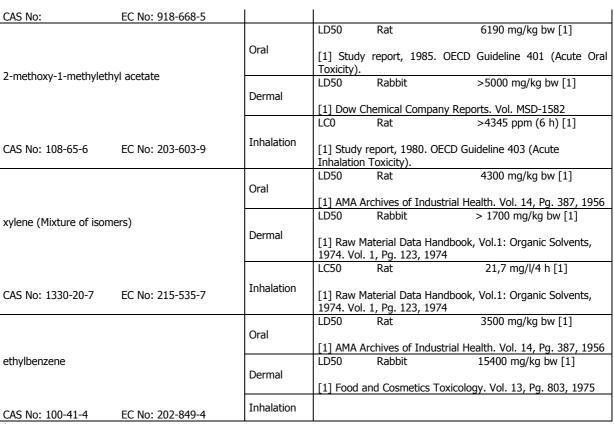
#### Toxicological information about the substances present in the composition.

Name		Acute toxicity			
Name	Туре	Test	Kind	Value	
		LD50	Rat	10800 mg/kg bw [1]	
	Oral		Toxicity Data. J Part B. Vol. 1,	lournal of the American College of Pg. 196, 1992	
n-butyl acetate		LD50	Rabbit	>17600 mg/kg bw [1]	
	Dermal		iterial Data Har I, Pg. 7, 1974	ndbook, Vol.1: Organic Solvents,	
		LC50	Rat	1.85 mg/l/4 h [1]	
CAS No: 123-86-4 EC No: 204-658-1	Inhalation	[1] Inhalati	on Toxicology.	Vol. 9, Pg. 623, 1997	
	Oral	LD50	Rat	6900 mg/kg/bw	
Hydrocarbons, C9, aromatics	Dermal				
	Inhalation				

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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;

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

#### d) respiratory or skin sensitisation;

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

#### e) germ cell mutagenicity;

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

### f) carcinogenicity;

Not conclusive data for classification.

## g) reproductive toxicity;

Product classified:

Reproductive toxicant, Category 1A: May damage fertility or the unborn child.

#### 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.

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## **SECTION 12: ECOLOGICAL INFORMATION.**

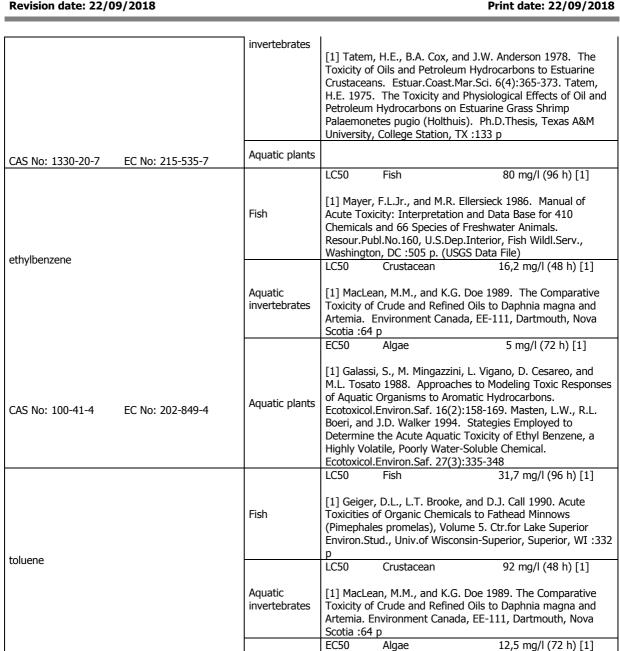
## 12.1 Toxicity.

Manua	Ecotoxicity				
Name	Туре	Test	Kind	Value	
n-butyl acetate	Fish	Brachydan Toxicity of Abwasser- G.W., A.L. Acute Tox Saltwater Data File)	io rerio and Leuciscus Chemicals and Wast Forsch. 51(2):49-52 Jennings, D. Drozdos icity of 47 Industrial (	(GER) (ENG ABS). Dawson, wski, and E. Rider 1977. The Chemicals to Fresh and er. 1(4):303-318 (OECDG	
	Aquatic invertebrates		EC50 Daphnia sp. 44 mg/l (48 h) [1] [1] publication, 1959		
	Aquatic plants	EC50	Desmodesmus subspicatus (reported as Scenedesmus subspicatus)	674.7 mg/l (72 h) [1]	
CAS No: 123-86-4 EC No: 204-658-1		Umweltbu		h inhibition test, according to deral Environment Agency) ry 1984)	
	Fish	LC50	fish	9.22 mg/L (24 h)	
Hydrocarbons, C9, aromatics	Aquatic invertebrates				
CAS No: EC No: 918-668-5	Aquatic plants				
	Fish	LC50 [1] Enviro	Oryzias latipes nment Agency of Japa	100 mg/L (96 h) [1] an (1998)	
2-methoxy-1-methylethyl acetate	Aquatic invertebrates	EC50	Daphnia magna nment Agency of Japa	407 mg/L (48 h) [1]	
	Aquatic plants	EC50	Selenastrum capricornutum (Pseudokirchnerell a subcapitata)	>1000 mg/L (72 h) [1]	
CAS No: 108-65-6 EC No: 203-603-9			nment Agency of Japa		
xylene (Mixture of isomers)	Fish	Time/Toxion and Plug-F (Eds.), Aq	Flow Bioassays. In: Ruuatic Toxicology and	15,7 mg/l (96 h) [1] d H.A. Javitz 1985. chort-Term Static, Dynamic,C.Bahner and D.J.Hansen Hazard Assessment, 8th iladelphia, PA:193-212 8,5 mg/l (48 h) [1]	

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

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### 12.2 Persistence and degradability.

CAS No: 108-88-3

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

EC No: 203-625-9

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

Aquatic plants

### 12.3 Bioaccumulative potential.

Information about the bioaccumulation of the substances present.

[1] Galassi, S., M. Mingazzini, L. Vigano, D. Cesareo, and

of Aquatic Organisms to Aromatic Hydrocarbons.

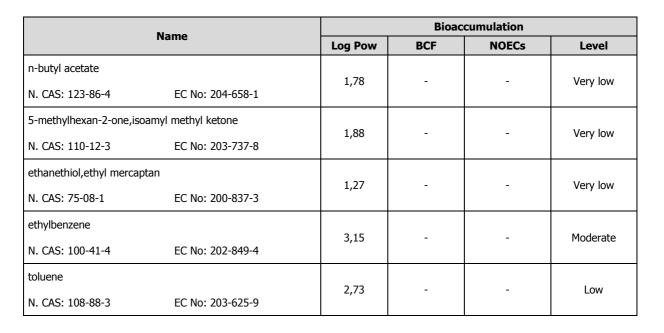
Ecotoxicol. Environ. Saf. 16(2):158-169

M.L.Tosato 1988. Approaches to Modeling Toxic Responses

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

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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.

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



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) VOC content (p/p): 39,278 % VOC content: 395,225 g/l

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.

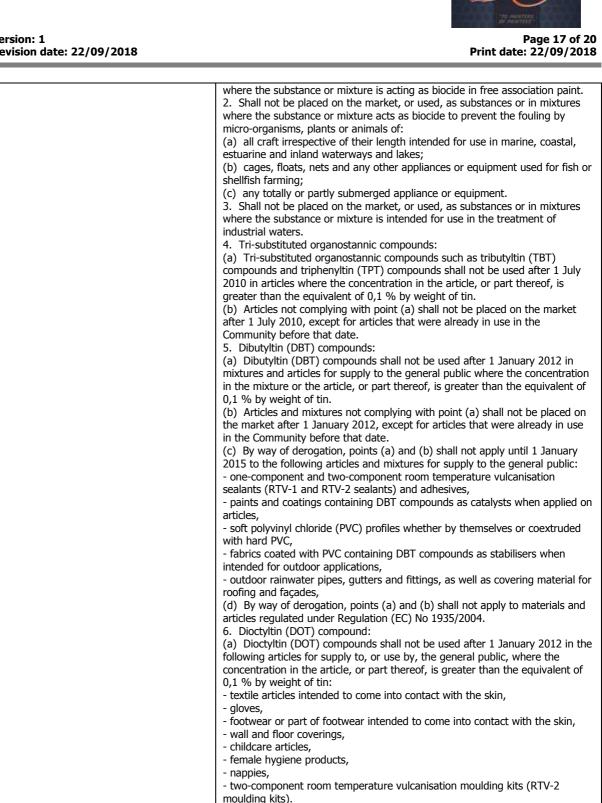
Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles:

Designation of the substance, of the group of substances or of the mixture	Conditions of restriction
20. Organostannic compounds	1. Shall not be placed on the market, or used, as substances or in mixtures

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30. Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as toxic to reproduction category

Community before that date. 1. Shall not be placed on the market, or used,

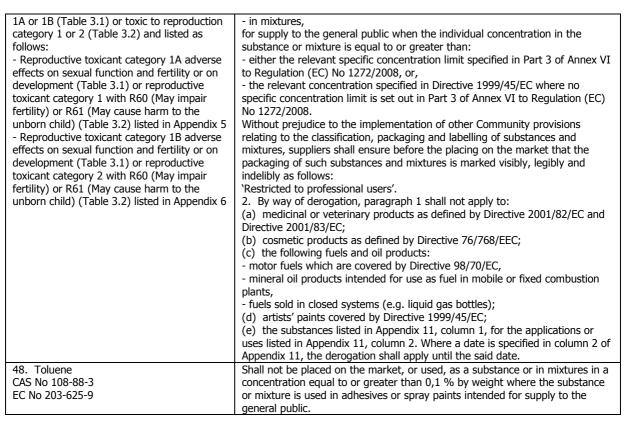
(b) Articles not complying with point (a) shall not be placed on the market after 1 January 2012, except for articles that were already in use in the

- as substances,
- as constituents of other substances, or,

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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.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H341	Suspected of causing genetic defects.
H360	May damage fertility or the unborn child.
H361d	Suspected of damaging the unborn child.
H370	Causes damage to organs.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.

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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.
 H411 Toxic to aquatic life with long lasting effects.
 H413 May cause long lasting harmful effects to aquatic life.

#### Classification codes:

Acute Tox. 4: Acute toxicity (Dermal), Category 4
Acute Tox. 4: Acute toxicity (Inhalation), 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 2: Chronic effect to the aquatic environment, Category 2 Aquatic Chronic 3: Chronic effect to the aquatic environment, Category 3 Aquatic Chronic 4: Chronic effect to the aquatic environment, Category 4

Asp. Tox. 1 : Aspiration toxicity, Category 1 Eye Irrit. 2 : Eye irritation, Category 2 Flam. Liq. 2 : Flammable liquid, Category 2 Flam. Liq. 3 : Flammable liquid, Category 3 Muta. 2 : Mutagen, Category 2

Repr. 1A: Reproductive toxicant, Category 1A Repr. 2: Reproductive toxicant, Category 2

STOT RE 1 : Specific target organ toxicity following a repeated exposure, Category 1 STOT RE 2 : Specific target organ toxicity following a repeated exposure, Category 2 STOT SE 1 : Specific target organ toxicity following a single exposure, Category 1 STOT SE 3 : Specific target organ toxicity following a single exposure, Category 3

Skin Corr. 1B: Skin Corrosive, Category 1B Skin Irrit. 2: Skin irritant, Category 2 Skin Sens. 1: Skin sensitiser, Category 1

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.

Key literature references and sources for data:

http://eur-lex.europa.eu/homepage.html

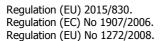
http://echa.europa.eu/

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

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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.