	MARB	EC S.R.L.	Revision nr. 4
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		Safety data sheet	
	Compliant with Annex II	of REACH - Regulation (EU) 2020/878 to Annex II to UK R	EACH
SECTION 1. Identific	ation of the subs	stance/mixture and of the company/unde	ertaking.
1.1. Product identifier.			
Code:		0030590	
Product name. Chemical name and synonym	Δ	IDROFIN MATT IDROFIN MATT	
Chemical hame and synonym			
1.2. Relevant identified uses	s of the substance or m	ixture and uses advised against.	
Sector of use:	SU22 – Professional u	use SU21 – Consumer use	
Category of product:	PC9a - Coatings and	paints, thinners, paint removers	
Intended use.	Waxy-resin finisher e	mulsion for stone materials	
<b>1.3. Details of the supplier o</b> Name. Full address. District and Country.	of the safety data sheet.	MARBEC S.R.L. VIA CROCE ROSSA 5/i 51037 MONTALE (PISTOIA) ITALY Tel. +39 0573/959848	
e-mail address of the compete	ent person		
responsible for the Safety Data	•	info@marbec.it	
,,,			
<b>1.4. Emergency telephone n</b> For urgent inquiries refer to.	umber.	MARBEC srl +39 0573959848 h8.30-13 h14-18 or +39 3348578502 Telephone number of Poison Centers open 24/24 hour CAV IRCSS Fondazione Maugeri – Pavia 0039-0382-24 CAV Ospedali Riuniti – Bergamo 0039-800-883300 CAV Ospedale Niguarda Ca' Granda – Milano 0039-02- CAV Ospedale Careggi- Firenze 0039-055-7947819 CAV Policlinico Gemelli – Roma 0039-06-3054343 CAV Policlinico Umberto I – Roma 0039-06 49978000 CAV Ospedale Cardarelli – Napoli 0039-081 5453333	444
SECTION 2. Hazards	identification.		
2.1. Classification of the sub	ostance or mixture.		

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP). However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to EC Regulation 2015/830. Hazard classification and indication:

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2.2. Label elements.			
he product is not class upplements).	ified as hazardous pursuant to the	e provisions set forth in EC Regulation 127.	2/2008 (CLP) (and subsequent amendments and
Hazard pictograms:	-		
Signal words:			
azard statements:			
EUH210	Safety data sheet available	on request.	
recautionary statements	X		
	-		
OC (Directive 2004/42/E	<u>=C) :</u>		
ne-pack performance co OC given in g/litre of pro Limit value:	oatings. oduct in a ready-to-use condition : 140,00	22,00	
2.3. Other hazards.			
n the basis of available ne product does not cor	data, the product does not contain tain substances having properties	n any PBT or vPvB in percentage greater th s of interference with the endocrine system	an 0,1%. in a concentration ≥ 0.1%.
SECTION 3. Cor	nposition/information o	on ingredients.	
3.2. Mixtures.			
3.2. Mixtures.			
<b>3.2. Mixtures.</b> ontains:	x = Conc. %	Classification 1272/200	8
3.2. Mixtures. ontains: Identification.	x = Conc. % L MONOETHYL ETHER	Classification 1272/200 (CLP).	8
3.2. Mixtures. ontains: Identification. DIETHYLENE GLYCOI CAS. 111-90-0	L MONOETHYL ETHER		8
3.2. Mixtures. ontains: Identification. DIETHYLENE GLYCO CAS. 111-90-0 EC. 203-919-7	L MONOETHYL ETHER	(CLP).	8
3.2. Mixtures. ontains: Identification. DIETHYLENE GLYCO CAS. 111-90-0 EC. 203-919-7 INDEX. –	L MONOETHYL ETHER 1 :	(CLP).	8
3.2. Mixtures. ontains: Identification. DIETHYLENE GLYCO CAS. 111-90-0 EC. 203-919-7 INDEX. – Reg. no. 01-211947510 TRIBUTOXYETHYL PH	L MONOETHYL ETHER 1 : 15-42 HOSPHATE	<b>(CLP)</b> . ≤ x < 3	8
3.2. Mixtures. ontains: Identification. DIETHYLENE GLYCO CAS. 111-90-0 EC. 203-919-7 INDEX. – Reg. no. 01-211947510 TRIBUTOXYETHYL PH	L MONOETHYL ETHER 1 : 15-42 HOSPHATE	(CLP).	8
<b>3.2. Mixtures.</b> ontains: <b>Identification.</b> <b>DIETHYLENE GLYCO</b> CAS. 111-90-0 EC. 203-919-7 INDEX. – Reg. no. 01-211947510 <b>TRIBUTOXYETHYL PH</b> CAS. 78-51-3 EC. 201-122-9	L MONOETHYL ETHER 1 : 15-42 HOSPHATE	<b>(CLP)</b> . ≤ x < 3	8
<b>3.2. Mixtures.</b> ontains: <b>Identification.</b> <b>DIETHYLENE GLYCO</b> CAS. 111-90-0 EC. 203-919-7 INDEX. – Reg. no. 01-211947510 <b>TRIBUTOXYETHYL PH</b> CAS. 78-51-3 EC. 201-122-9 INDEX. –	L MONOETHYL ETHER 1: 5-42 HOSPHATE 1:	<b>(CLP)</b> . ≤ x < 3	8
<b>3.2. Mixtures.</b> ontains: <b>Identification.</b> <b>DIETHYLENE GLYCO</b> CAS. 111-90-0 EC. 203-919-7 INDEX. – Reg. no. 01-211947510 <b>TRIBUTOXYETHYL PH</b> CAS. 78-51-3 EC. 201-122-9 INDEX. – Reg. no. 01-211948583	L MONOETHYL ETHER 1: 5-42 HOSPHATE 1:	<b>(CLP)</b> . ≤ x < 3	8
3.2. Mixtures. ontains: Identification.	L MONOETHYL ETHER 1: 5-42 HOSPHATE 1:	<b>(CLP)</b> . ≤ x < 3	8

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CAS. 107-21-1

INDEX. 603-027-00-1

Reg. no. 01-2119456816-28-xxxx

The full wording of hazard (H) phrases is given in section 16 of the sheet.

# **SECTION 4. First aid measures.**

### 4.1. Description of first aid measures.

Not specifically necessary. Observance of good industrial hygiene is recommended.

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

Specific information on symptoms and effects caused by the product are unknown.

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

Information not available.

# **SECTION 5. Firefighting measures.**

### 5.1. Extinguishing media.

SUITABLE EXTINGUISHING EQUIPMENT Choose the most appropriate extinguishing equipment for the specific case. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.

### 5.2. Special hazards arising from the substance or mixture.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE The product is neither flammable nor combustible.

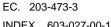
### 5.3. Advice for firefighters.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

## **SECTION 6.** Accidental release measures.

 $0 \le x < 0,5$ 

Acute Tox. 4 H302, STOT RE 2 H373 ATE Oral: 500 mg / kg



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#### 6.1. Personal precautions, protective equipment and emergency procedures.

In case of vapors or dust dispersed in the air, adopt respiratory protection. These indications are valid both for workers in charge of processing and for emergency interventions. These indications apply for both processing staff and those involved in emergency procedures.

#### 6.2. Environmental precautions.

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

#### 6.3. Methods and material for containment and cleaning up.

Dike with earth or inert material. Collect most of the material and eliminate the residue with jets of water. The disposal of contaminated material must be carried out in accordance with the provisions of point 13.

#### 6.4. Reference to other sections.

Any information on personal protection and disposal is given in sections 8 and 13.

# **SECTION 7. Handling and storage.**

#### 7.1. Precautions for safe handling.

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.

#### 7.2. Conditions for safe storage, including any incompatibilities.

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

Storage class TRGS 510 (Germany):

12

### 7.3. Specific end use(s).

Information not available.

## **SECTION 8. Exposure controls/personal protection.**

#### 8.1. Control parameters.

Regulatory References:

FRA	France	Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS
GBR	United Kingdom	EH40/2005 Workplace exposure limits (Third edition, published 2018)
ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81
PRT	Portugal	Ministério da Economia e do Emprego Consolida as prescrições mínimas em matéria de protecção dos trabalhadores contra os riscos para a segurança e a saúde devido à exposição a agentes químicos no trabalho - Diário da República. 1.ª série - N.º 111 - 11 de junho de 2018

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EU OEL EU

Direttiva (UE) 2019/1831; Direttiva (UE) 2019/130; Direttiva (UE) 2019/983; Direttiva (UE) 2017/2398; Direttiva (UE) 2017/164; Direttiva 2009/161/UE; Direttiva 2006/15/CE; Direttiva 2004/37/CE; Direttiva 2000/39/CE; Direttiva 98/24/CE; Direttiva 91/322/CEE. ACGIH 2019

### DIETILEN GLICOL MONOETIL ETERE

**TLV-ACGIH** 

Туре	Country	TWA/8h		STEL/15min		Notes / Observa	tions	
		mg/m3	ppm	mg/m3	ppm			
AGW	DEU	35	6	70	12		11	
Expected concentration of n	o effect on the environ	ment - PNEC.						
Reference value in fresh w	ater			1,98	mg	/I		
Reference value in marine	water			0,198	mg	/I		
Reference value for sedime	ents in fresh water			7,32	mg	/kg/d		
Reference value for sedime	ents in marine water			0,732	mg	/kg/d		
Reference value for micro-	organisms STP			500	mg	/I		
Reference value for the ter	restrial compartment			0,34	mg	/kg/d		
Health - Derived no-ef	fect level - DNEL /	DMEL						
	Effects on consumers.				Effects on consumers.			
Route of exposure	Acute local	Acute systemic	Chronic local	Route of exposure	Acute local	Acute systemic	Chronic local	Route of exposure
Oral				Oral				Oral
Inhalation			18 mg/m3	Inhalation			18 mg/m3	Inhalation
Skin				Skin				Skin

### ETHANEDIOL

Туре	Country	TWA/8h		STEL/15min			
		mg/m3	ppm	mg/m3	ppm		
AGW	DEU	26	10	52	20	SKIN	
MAK	DEU	26	10	52	20	SKIN	
VLA	ESP	52	20	104	40	SKIN	
VLEP	FRA	52	20	104	40	SKIN	
VLEP	ITA	52	20	104	40	SKIN	
VLE	PRT	52	20	104	40	SKIN	
WEL	GBR	52	20	104	40	SKIN	
OEL	EU	52	20	104	40	SKIN	
TLV-ACGIH			25		50		
TLV-ACGIH				10		INALAB	
Expected concentration	of no effect on the enviro	nment - PNEC.					
Reference value in fres	h water			10		mg/l	
Reference value in mari	ne water			1		mg/l	
Reference value for se	diments in fresh water			20,9		mg/kg	
Reference value for wa	ter, intermittently release			10		mg/l	
Reference value for mi	cro-organisms STP			199,5		mg/l	
				1,53		mg/kg/d	

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	Effects on				Effects on			
Route of exposure	consumers. Acute local	Acute systemic	Chronic local	Chronic	workers Acute local	Systemic	Chronic local	Chronic
Inhalation			7 mg/m3	systemic		acute	35 mg/m3	systemic
Skin				53 mg/kg bw/d				106 mg/kg bw/d
Legend:								
(C) = CEILING ; INHAL = In	halable Fraction		oirable Fraction	) · THORA -	- Thoracic Frac	tion		
VND = hazard identified but no								
			·	•				
8.2. Exposure controls.								
As the use of adequate techn through effective local aspiration For the selection of personal p Individual protection devices m	on. rotective equipr	nent, if necessary	ask your chem	ical suppliers f	or advice.	t, make sure	that the workpla	ace is well air
HAND PROTECTION Protect hands with category III The following should be consid The work gloves' resistance to and type of use.	dered when cho	osing work glove r	naterial: compa			•	•	on the durati
SKIN PROTECTION Not necessary for normal use. Protection may be necessary safety footwear (see Directive	in case of splas 89/686/EEC and	hes, skin contact d standard EN ISC	or spray applic 20344). Wasł	cation In this o	case wear cate ap and water a	egory I profess	sional long-sleev protective clothi	ved overalls a ng.
EYE PROTECTION It is recommended to wear airt	ight protective g	oggles (see stand	lard EN 166).					
RESPIRATORY PROTECTION Not necessary for normal use. If the threshold value (e.g. TL whose class (1, 2 or 3) must various kinds and/or gases or Respiratory protection devices values considered. The protec If the substance considered is open-circuit compressed air b standard EN 138). For a correct	V-TWA) is exce be chosen acco vapours contain s must be used tion provided by s odourless or it reathing appara	ording to the limit ing particulate (ae if the technical n masks is in any c ts olfactory thresh atus (in compliance	of use concent rosol sprays, fu neasures adop ase limited. old is higher the with standar	tration. (see st umes, mists, ei ted are not su nan the corres d EN 137) or	andard EN 14: tc.) combined fi litable for restr ponding TLV-1 external air-int	387). In the p ilters are requi icting the wor	resence of gase ired. ker's exposure ne case of an e	es or vapours to the thresho mergency, we
ENVIRONMENTAL EXPOSUR	RE CONTROLS							
The emissions generated by menvironmental standards.	nanufacturing pr	ocesses, including	g those generat	ted by ventilati	on equipment,	should be che	cked to ensure	compliance w
SECTION 9. Physica	al and cher	nical proper	ties.					
9.1. Information on basic p	hysical and ch	emical properties	5.					
Appearance Colour Odour		liquid white Characteristic						

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Melting point / freezing point. Initial boiling point. Flash point. Flammability (solid, gas) Lower inflammability limit. Upper inflammability limit. Lower explosive limit. Upper explosive limit. Vapour pressure. Vapour density Relative density. Solubility Partition coefficient: n-octanol/water Auto-ignition temperature. Ph Viscosity Particle characteristics

Not applicable. Not available. > 90 °C not flammable Not available. Not available. Not applicable. Not applicable. Not available. Not available. 1,00 kg/lt soluble in water Not available. Not available. 8 Not available. Not applicable

#### 9.2. Other information.

9.2.1. Information relating to the classes of physical hazards

Information not available

9.2.2. Other security features

VOC (Directive 2004/42 / EC): 2.20% - 22.00 g / liter Explosive properties not explosive oxidizing properties not oxidising

## **SECTION 10. Stability and reactivity.**

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

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10.5. Incompatible materials.

Information not available.

10.6. Hazardous decomposition products.

Information not available.

## **SECTION 11. Toxicological information.**

In the absence of experimental toxicological data on the product itself, the possible dangers of the product for health have been evaluated on the basis of the properties of the substances contained, according to the criteria provided for by the reference standard for classification. Consider therefore the concentration of the individual hazardous substances mentioned in section 3, to evaluate the toxicological effects deriving from exposure to the product

### 11.1. Information on toxicological effects.

Metabolism, kinetics, mechanism of action and other information Information not available

Information on likely routes of exposure ETHANEDIOL

WORKERS: inhalation, contact with skin.. POPULATION: inhalation of ambient air; contact with the skin of products containing the substance.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

ETHANEDIOL

Following ingestion it initially stimulates the CNS; later on depression results. Renal damage with anuria and uremia may occur. Symptoms of over exposure are: vomiting, somnolence, difficulty in breathing, convulsions. The lethal dose in man is approximately 1,4 l/kg. Interactive effects Information not available

ACUTE TOXICITY.

LC50 (Inhalation) of the mixture:Not classified (no significant component). LD50 (Oral) of the mixture: Not classified (no significant component). LD50 (Dermal) of the mixture: Not classified (no significant component).

DIETHYLENE GLYCOL MONOETHYL ETHER

LD50 (Oral) 6031 mg/kg mouse (male)

LD50 (Dermal) 9143 mg/kg rabbit

LC50 (Inhalation) 0,02 mg/l/8h rat

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TRIBUTOXYETHYL PHOSPHATE	
LD50 (Oral) > 2000 mg/kg	
LD50 (Dermal) > 2000 mg/kg	
ETHANEDIOL	
LD50 (Oral).7712 mg/kg Rat LD50 (Dermal).3500 mg/kg mouse	
LC50 (Inhalation) > 2,5 mg/l/6h rat (aerosol)	
SKIN CORROSION / SKIN IRRITATION	
It does not meet the classification criteria for this hazard class	
SERIOUS EYE DAMAGE / EYE IRRITATION	
It does not meet the classification criteria for this hazard class	
RESPIRATORY OR SKIN SENSITIZATION	
It does not meet the classification criteria for this hazard class	
Respiratory sensitization	
Information not available	
Skin sensitization	
Information not available	
MUTAGENICITY ON GERMINAL CELLS	
It does not meet the classification criteria for this hazard class	
CARCINOGENICITY	
It does not meet the classification criteria for this hazard class	
REPRODUCTION TOXICITY	
It does not meet the classification criteria for this hazard class	
Adverse effects on sexual function and fertility	
Information not available	

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Harmful effects on the development of offspring

Information not available

Effects on breastfeeding or through breastfeeding

Information not available

SPECIFIC TARGET ORGAN TOXICITY (STOT) - SINGLE EXPOSURE

It does not meet the classification criteria for this hazard class

Target organs

Information not available

Route of exposure

Information not available

SPECIFIC TARGET ORGAN TOXICITY (STOT) - REPEATED EXPOSURE

It does not meet the classification criteria for this hazard class

Target organs

Information not available

Route of exposure

Information not available

DANGER IN CASE OF SUCTION

It does not meet the classification criteria for this hazard class

## 11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with effects on human health under evaluation.

# **SECTION 12. Ecological information.**

Use in accordance to the best working practices, avoiding the dispersal of product in the environment. Warn the competent authorities if the product has reached watercourses or drains or if it has contaminated the ground or vegetation.

12.1. Toxicity.

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#### DIETHYLENE GLYCOL MONOETHYL ETHER LC50 – for Fish 6010 mg/l/96h fish EC50 - for Crustacea 1982 mg/l/48h daphnia magna EC50 - for Algaes/Aquatic plants > 100 mg/l/96h scenedesmus subspicatus TRIBUTOXYETHYL PHOSPHATE 24 mg/l/96h Onchorynchus mykiss LC50 – for Fish EC50 – for Crustacea 75 mg/l/48h daphnia magna ETHANEDIOL LC50 – for Fish > 18000 mg/l/96h onchorynchus mykiss EC50 – for Crustacea > 100 mg/l/48h daphnia magna EC50 - for Algaes/Aquatic plants

> 100 mg/l/48h daphnia magna > 6500 mg/l/72h pseudokirchneriella subcapitata 15380 mg/l Fresh water fish - pimephales promelas 7 days 8590 mg/l ceriodaphnia sp. 7 days

#### 12.2. Persistence and degradability.

Chronic NOEC for Fish

Chronic NOEC for Crustacea

DIETHYLENE GLYCOL MONOETHYL ETHER Solubility in water. Rapidly biodegradable.	1000 - 10000 mg/l
TRIBUTOXYETHYL PHOSPHATE Solubility in water. Rapidly biodegradable.	100 - 1000 mg/l
ETHANEDIOL Solubility in water. Rapidly biodegradable.	1000 - 10000 mg/l
12.3. Bioaccumulative potential.	
DIETHYLENE GLYCOL MONOETHYL ETHER Partition coefficient: n- octanol/water. BCF	-0,54 < 100 few bioaccumulable

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#### ETHANEDIOL

Partition coefficient: n-	-1,36
octanol/water.	< 100
BCF	

### 12.4. Mobility in soil.

Information not available.

#### 12.5. Results of PBT and vPvB assessment.

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

#### 12.6. Other adverse effects.

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with effects on the environment under evaluation.

#### 12.7. Other adverse effects

Information not available

## **SECTION 13. Disposal considerations.**

### 13.1. Waste treatment methods.

Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

## **SECTION 14. Transport information.**

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

### 14.1. UN number.

Not applicable.

14.2. UN proper shipping name.

Not applicable.

14.3. Transport hazard class(es).

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N	ot	app	olica	ble.	
---	----	-----	-------	------	--

14.4. Packing group.

Not applicable.

14.5. Environmental hazards.

Not applicable.

14.6. Special precautions for user.

Not applicable.

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

Information not relevant.

## **SECTION 15. Regulatory information.**

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

Seveso Category - Directive 2012/18/EC: None.

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006.

Contained substance.

Point.

DI-ISONONYL-PHTALATE Nr. Reg.: 01-2119430798-28xxxx

Regulation (EU) 2019/1148 - concerning the placing on the market and use of explosives precursors

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Not applicable

Substances in Candidate List (Art. 59 REACH).

Based on the available data, the product does not contain SVHC substances in percentages greater than 0.1%.

Substances subject to authorisarion (Annex XIV REACH).

None.

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Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None.

Substances subject to the Rotterdam Convention:

None.

Substances subject to the Stockholm Convention:

None

Healthcare controls.

Information not available.

VOC (Directive 2004/42 / EC):

High performance one-component paints.

### 15.2. Chemical safety assessment.

A chemical safety assessment has not been developed for the mixture / substances indicated in section 3.

## **SECTION 16. Other information.**

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Acute Tox. 4	Acute toxicity, category 4
STOT RE 2	Specific target organ toxicity - repeated exposure, category 2
H302	Harmful if swallowed.
H373	May cause damage to organs through prolonged or repeated exposure.
EUH210	Safety data sheets available on request.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train

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WIARDEC S.R.L.	Dated 26/03/2022	
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TLV: Threshold Limit Value TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure. TWA STEL: Short-term exposure limit TWA: Time-weighted average exposure limit VOC: Volatile organic Compounds vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation WGK: Water hazard classes (German).		
SENERAL BIBLIOGRAPHY I. Regulation (EU) 1907/2006 (REACH) of the European Parliament 2. Regulation (EU) 1272/2008 (CLP) of the European Parliament 3. Regulation (EU) 2015/830 of the European Parliament 3. Regulation (EU) 886/2011 (II Atp. CLP) of the European Parliament 3. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament 3. Regulation (EU) 6487/2013 (IV Atp. CLP) of the European Parliament 3. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament 3. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament 10. Regulation (EU) 2016/1221 (VII Atp. CLP) of the European Parliament 11. Regulation (EU) 2016/1179 (IX Atp CLP) 4. Regulation (EU) 2016/1179 (IX Atp CLP) 4. Regulation (EU) 2016/1176 (X Atp CLP) 5. Regulation (EU) 2017/776 (X Atp CLP) 5. Regulation (EU) 2016/1176 (X Atp CLP) 5. Regulation (EU) 2016/11	ly with the current health and safety ulation Annex I Part 2. The methods art 3, unless otherwise indicated in	