

### **GALVANIZE**

Revision nr.8 Dated 02/03/2023 Printed on 01/09/2023 Page n. 1 / 17

Replaced revision:7 (Dated 10/12/2020)

### Safety Data Sheet

According to Annex II to REACH - Regulation (EU) 2020/878 and to Annex II to UK REACH

### SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name GALVANIZE

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

Intended use Anticorrosive primer ideal for metallic surfaces.

1.3. Details of the supplier of the safety data sheet

Name VITEX S.A. Full address IMEROS TOPOS

District and Country 19300 ASPROPYRGOS (ATTIKI)

GREECE

Tel. (0030) 2105589400 Fax (0030) 2105597859

e-mail address of the competent person

responsible for the Safety Data Sheet vitexlab@vitex.gr

Supplier: VITEX S.A

1.4. Emergency telephone number

For urgent inquiries refer to (0030) 2105589400 (0030) 2107793777

### **SECTION 2. Hazards identification**

### 2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878

Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

Flammable liquid, category 2 H225 Highly flammable liquid and vapour. Specific target organ toxicity - single exposure, H335 May cause respiratory irritation.

category 3

Hazardous to the aquatic environment, acute toxicity, H400 Very toxic to aquatic life.

category 1

Hazardous to the aquatic environment, chronic H410 Very toxic to aquatic life with long lasting effects.

toxicity, category 1

### 2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:







Signal words: Danger

Hazard statements:

H225 Highly flammable liquid and vapour.H335 May cause respiratory irritation.

#### ΕN

### VITEX S.A.

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#### SECTION 2. Hazards identification .../>>

H410 Very toxic to aquatic life with long lasting effects. **EUH066** Repeated exposure may cause skin dryness or cracking.

Precautionary statements:

P501 Dispose of contents / container in accordance with local and national regulations.

P102 Keep out of reach of children.

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

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

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

Avoid release to the environment. P273

P405 Store locked up.

Contains: HYDROCARBONS, C9, AROMATICS XYLENE (MIXTURE OF ISOMERS)

VOC (Directive 2004/42/EC): One - pack performance coatings.

VOC given in g/litre of product in a ready-to-use condition : 499 00 Limit value: 500,00

#### 2.3. Other hazards

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

The product does not contain substances with endocrine disrupting properties in concentration ≥ 0.1%.

### **SECTION 3. Composition/information on ingredients**

### 3.2. Mixtures

Contains:

Identification Classification (EC) 1272/2008 (CLP) x = Conc. %

ZINC DUST stabilized, non pyrophorous

INDEX 030-001-01-9  $50 \le x < 60$ Aguatic Acute 1 H400 M=1, Aguatic Chronic 1 H410 M=1

FC 231-175-3 7440-66-6 CAS

REACH Reg. 01-2119467174-37-xxxx HYDROCARBONS, C9, AROMATICS

INDEX  $10 \le x < 15$ Flam. Liq. 3 H226, Asp. Tox. 1 H304, STOT SE 3 H335, STOT SE 3 H336,

Aquatic Chronic 2 H411, EUH066

EC 918-668-5 CAS 64742-95-6

REACH Reg. 01-2119455851-35-XXXX **XYLENE (MIXTURE OF ISOMERS)** 

INDEX 601-022-00-9  $5 \le x < 7$ Flam. Liq. 3 H226, Acute Tox. 4 H312, Acute Tox. 4 H332, Asp. Tox. 1 H304,

STOT RE 2 H373, Eye Irrit. 2 H319, Skin Irrit. 2 H315, STOT SE 3 H335, Classification note according to Annex VI to the CLP Regulation: C STA Dermal: 1100 mg/kg, LC50 Inhalation vapours: >10 mg/l/4h

EC 215-535-7 CAS 1330-20-7

REACH Reg. 01-2119488216-XXXX

ZINC OXIDE

INDEX 030-013-00-7  $3 \le x < 4$ Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1

FC 215-222-5 CAS 1314-13-2 **ETHYLBENZENE** 

INDEX 601-023-00-4  $2 \le x < 3$ 

Flam. Liq. 2 H225, Acute Tox. 4 H332, Asp. Tox. 1 H304, STOT RE 2 H373 EC

202-849-4 LC50 Inhalation vapours: 17,2 mg/l/4h

CAS 100-41-4

HYDROCARBONS, C9-C11, n-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

INDEX Flam. Liq. 3 H226, Asp. Tox. 1 H304, STOT SE 3 H336, EUH066  $1 \le x < 2$ 

EC 919-857-5 CAS 64742-48-9

REACH Reg. 01-2119463258-33-XXXX

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### SECTION 3. Composition/information on ingredients .../>

**QUARTZ** 

INDEX  $0,45 \le x < 0,55$  STOT RE 2 H373

EC 238-878-4

CAS 14808-60-7

2-METHOXY-1-METHYLETHYL ACETATE

INDEX 607-195-00-7  $0.15 \le x < 0.25$  Flam. Liq. 3 H226

EC 203-603-9 CAS 108-65-6

N-BUTYL ACETATE

INDEX 607-025-00-1  $0.1 \le x < 0.2$  Flam. Liq. 3 H226, STOT SE 3 H336, EUH066

EC 204-658-1

CAS 123-86-4

HYDROCARBONS, C9-C12, n-ALKANES, ISOALKANES, CYCLICS, AROMATICS (2-25%)

INDEX 0,1 ≤ x < 0,2 Flam. Liq. 3 H226, STOT RE 1 H372, Asp. Tox. 1 H304, STOT SE 3 H336,

Aquatic Chronic 2 H411, EUH066

EC 919-446-0 CAS 64742-82-1

REACH Reg. 01-2119458049-XXXX

TOLUENE

INDEX 601-021-00-3 0,05 ≤ x < 0,08 Flam. Liq. 2 H225, Repr. 2 H361d, Asp. Tox. 1 H304, STOT RE 2 H373, Skin

Irrit, 2 H315, STOT SE 3 H336

EC 203-625-9 CAS 108-88-3

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

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention immediately. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention immediately. INGESTION: Get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly authorised by a doctor

#### 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

Extinguishing substances are: carbon dioxide, foam, chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak.

UNSUITABLE EXTINGUISHING EQUIPMENT

Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

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

### HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Excess pressure may form in containers exposed to fire at a risk of explosion. Do not breathe combustion products.

### 5.3. Advice for firefighters

### GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS



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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**

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

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

Send away individuals who are not suitably equipped. Use explosion-proof equipment. Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) from the leakage site.

#### 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

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in 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

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. When performing transfer operations involving large containers, connect to an earthing system and wear antistatic footwear. Vigorous stirring and flow through the tubes and equipment may cause the formation and accumulation of electrostatic charges. In order to avoid the risk of fires and explosions, never use compressed air when handling. Open containers with caution as they may be pressurised. Do not eat, drink or smoke during use. Avoid leakage of the product into the environment.

### 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. Store in a cool and well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

### 7.3. Specific end use(s)

Information not available

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

### 8.1. Control parameters

Regulatory References:

BGR	България	НАРЕДБА № 13 ОТ 30 ДЕКЕМВРИ 2003 Г. ЗА ЗАЩИТА НА РАБОТЕЩИТЕ ОТ РИСКОВЕ,
		СВЪРЗАНИ С ЕКСПОЗИЦИЯ НА ХИМИЧНИ АГЕНТИ ПРИ РАБОТА (изм. ДВ. бр.5 от 17
		Януари 2020г.)
CZE	Česká Republika	Nařízení vlády č. 41/2020 Sb. Nařízení vlády, kterým se mění nařízení vlády č. 361/2007 Sb.,
		kterým se stanoví podmínky ochrany zdraví při práci, ve znění pozdějších předpisů

Technischen Regeln für Gefahrstoffe (TRGS 900) - Liste der Arbeitsplatzgrenzwerte und DFU Deutschland

Kurzzeitwerte. MAK- und BAT-Werte-Liste 2020, Ständige Senatskommission zur Prüfung

gesundheitsschädlicher Arbeitsstoffe, Mitteilung 56

FRA France Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS Π.Δ. 26/2020 (ΦΕΚ 50/Α` 6.3.2020) Εναρμόνιση της ελληνικής νομοθεσίας προς τις διατάξεις των **GRC** Ελλάδα

οδηγιών 2017/2398/ΕΕ, 2019/130/ΕΕ και 2019/983/ΕΕ «για την τροποποίηση της οδηγίας 2004/37/ΕΚ "σχετικά με την προστασία των εργαζομένων από τους κινδύνους που συνδέονται με

την έκθεση σε καρκινογόνους ή μεταλλαξιγόνους παράγοντες κατά την εργασία"»



ROU

SVK

## VITEX S.A.

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SECTION 8. Exposure controls/personal protection .../>

România

HUN Magyarország Az innovációért és technológiáért felelős miniszter 5/2020. (II. 6.) ITM rendelete a kémiai kóroki tényezők hatásának kitett munkavállalók egészségének és biztonságának védelméről

HRV Hrvatska Pravilnik o izmjenama i dopunama Pravilnika o zaštiti radnika od izloženosti opasnimkemikalijama

na radu, graničnim vrijednostima izloženosti i biološkim graničnim vrijednostima (NN 1/2021)

Hotărârea nr. 53/2021 pentru modificarea hotărârii guvernului nr. 1.218/2006, precum și pentru

modificarea și completarea hotărârii guvernului nr. 1.093/2006

Slovensko NARIADENIE VLÁDY Slovenskej republiky z 12. augusta 2020, ktorým sa mení a dopĺňa

nariadenie vlády Slovenskej republiky č. 356/2006 Z. z. o ochrane zdravia zamestnancov pred rizikami súvisiacimi s expozíciou karcinogénnym a mutagénnym faktorom pri práci v znení

neskorších predpisov

GBR United Kingdom EH40/2005 Workplace exposure limits (Fourth Edition 2020)

EU OEL EU Directive (EU) 2022/431; Directive (EU) 2019/1831; Directive (EU) 2019/130; Directive (EU)

2019/983; Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive

2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC; Directive 98/24/EC; Directive

91/322/EEC.

TLV-ACGIH ACGIH 2022

				Н	YDROCARBON	IS, C9, ARON	IATICS			
Threshold Lim	it Value									
Type	Cou	intry	TWA/8h		STEL/15	min	Remarks / Observations			
			mg/m3	ppm	mg/m3	ppm				
OEL	EU		100							
Health - Derive	d no-effe	ect level	- DNEL /	DMEL						
Effects on consumers		umers			Effects on wor	kers				
Route of exp	osure	Acute	Ac	ute	Chronic	Chronic	Acute local	Acute	Chronic	Chronic
		local	sys	stemic	local	systemic		systemic	local	systemic
Oral					VND	11				
						mg/kg/d				
Inhalation					VND	150			VND	32
						mg/m3				mg/m3
Skin					VND	11			VND	25
						mg/kg/d				mg/kg/d

			2	XYLENE (MIXT	URE OF ISO	MERS)			
Threshold Limit	Value								
Type	Country	TWA/8	h	STEL/15	min	Remarks / C	bservations		
		mg/m3	ppm	mg/m3	ppm				
TLV	BGR	221		442		SKIN			
TLV	CZE	200		400		SKIN			
AGW	DEU	440	100	880	200	SKIN			
MAK	DEU	440	100	880	200	SKIN			
VLEP	FRA	221	50	442	100	SKIN			
TLV	GRC	435	100	650	150	SKIN			
AK	HUN	221		442		SKIN			
GVI/KGVI	HRV	221	50	442	100	SKIN			
NPEL	SVK	221	50	442		SKIN			
WEL	GBR	220	50	441	100				
OEL	EU	221	50	442	100	SKIN			
TLV-ACGIH		434	100	651	150				
Health - Derived	no-effect le	evel - DNEL	. / DMEL						
	E1	fects on cor	sumers			Effects on wor	rkers		
Route of expo	sure A	cute A	Acute	Chronic	Chronic	Acute local	Acute	Chronic	Chronic
	lo	cal s	ystemic	local	systemic		systemic	local	systemic
Oral				VND	1,6				
					mg/kg/d				
Inhalation	17	74 1	74	VND	14,8	289	289	VND	77
	m	g/m3 n	ng/m3		mg/m3	mg/m3	mg/m3		mg/m3
Skin				VND	108			VND	180
					mg/kg/d				mg/kg/d



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	<b>SECTION 8. Ex</b>	posure controls/	personal	protection	/>>
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ETHYLBENZENE ETHYLBENZENE									
Threshold Limit \	/alue								
Type	Country	TWA/8h		STEL/15	min	Remarks / Observations			
		mg/m3	ppm	mg/m3	ppm				
TLV	BGR	435		545		SKIN			
TLV	CZE	200	45,4	500	113,5	SKIN			
AGW	DEU	88	20	176	40	SKIN			
MAK	DEU	88	20	176	40	SKIN			
VLEP	FRA	88,4	20	442	100	SKIN			
TLV	GRC	435	100	545	125				
AK	HUN	442		884		SKIN			
GVI/KGVI	HRV	442	100	884	200	SKIN			
TLV	ROU	442	100	884	200	SKIN			
NPEL	SVK	442	100	884	200	SKIN			
WEL	GBR	441	100	552	125	SKIN			
OEL	EU	442	100	884	200	SKIN			
TLV-ACGIH		87	20						

	HY	'DROCAR	BONS, C9-C1	I, n-ALKANES,	<b>ISOALKANE</b>	S, CYCLICS, <2%	<b>6 AROMATIC</b>	S			
Threshold Limit	t Value										
Type	Country	TWA	/8h	STEL/15	min	Remarks / Ob	Remarks / Observations				
		mg/m	n3 ppm	mg/m3	ppm						
MAK	DEU	300	50	600	100						
OEL	EU	1200									
Health - Derived	d no-effect l	evel - DNE	EL / DMEL								
Effects on consumers					Effects on work	cers					
Route of expo	osure A	cute	Acute	Chronic	Chronic	Acute local	Acute	Chronic	Chronic		
	lo	cal	systemic	local	systemic		systemic	local	systemic		
Oral				VND	300						
					mg/kg/d						
Inhalation				VND	900	VND	1500				
					mg/m3		mg/m3				
Skin				VND	300			VND	300		
					mg/kg/d				mg/kg/d		

2-METHOXY-1-METHYLETHYL ACETATE									
Threshold Limit	Value								
Type	Country	TWA/8h	TWA/8h		min	Remarks / Observations			
		mg/m3	ppm	mg/m3	ppm				
TLV	BGR	275	50	550	100	SKIN			
TLV	CZE	270	49,14	550	100,1	SKIN			
AGW	DEU	270	50	270	50				
MAK	DEU	270	50	270	50				
VLEP	FRA	275	50	550	100	SKIN			
TLV	GRC	275	50	550	100				
AK	HUN	275		550					
GVI/KGVI	HRV	275	50	550	100	SKIN			
TLV	ROU	275	50	550	100	SKIN			
NPEL	SVK	275	50	550	100	SKIN			
WEL	GBR	274	50	548	100	SKIN			
OEL	EU	275	50	550	100	SKIN			



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				N-BUTY	L ACETATE		
Threshold Limit	Value						
Type	Country	TWA/8h		STEL/15	min	Remarks / Observations	
		mg/m3	ppm	mg/m3	ppm		
TLV	BGR	710		950			
TLV	CZE	950	196,65	1200	248,4		
AGW	DEU	300	62	600 (C)	124 (C)		
VLEP	FRA	710	150	940	200		
TLV	GRC	710	150	950	200		
AK	HUN	241		723			
GVI/KGVI	HRV	241	50	723	150		
TLV	ROU	241	50	723	150		
NPEL	SVK	241	50	723	150		
WEL	GBR	724	150	966	200		
OEL	EU	241	50	723	150		
TLV-ACGIH			50		150		

	HYE	DROCAR	BONS	. C9-C12.	n-ALKANES. IS	SOALKANES	, CYCLICS, ARO	MATICS (2-2	5%)	
Threshold Limit				,,	, , , , , , , , , , , , , , , , , , , ,		,,	(	- , - ,	
Туре	Country	/ TW	A/8h		STEL/15	min	Remarks / Ob			
		mg/	m3	ppm	mg/m3	ppm				
OEL	EU	350	)							
Health - Derived	no-effect	level - DN	ا L J ا	OMEL						
Effects on consumers			mers			Effects on work	cers			
Route of expo	osure A	cute	Acu	ite	Chronic	Chronic	Acute local	Acute	Chronic	Chronic
	lo	ocal	syst	temic	local	systemic		systemic	local	systemic
Oral					VND	26				
						mg/kg/d				
Inhalation					VND	71			VND	330
						mg/m3				mg/m3
Skin					VND	26			VND	44
						mg/kg/d				mg/kg/d

				TO	LUENE				
Threshold Limit Value									
Type	Country	TWA/8h		STEL/15	min	Remarks / Observations			
		mg/m3	ppm	mg/m3	ppm				
TLV	BGR	192	50	384	100	SKIN			
TLV	CZE	192	50,112	384	100,224	SKIN			
AGW	DEU	190	50	760	200	SKIN			
MAK	DEU	190	50	760	200	SKIN			
VLEP	FRA	76,8	20	384	100	SKIN			
TLV	GRC	192	50	384	100				
AK	HUN	190		380		SKIN			
GVI/KGVI	HRV	192	50	384	100	SKIN			
TLV	ROU	192	50	384	100	SKIN			
NPEL	SVK	192	50	384	100	SKIN			
WEL	GBR	191	50	384	100	SKIN			
OEL	EU	192	50	384	100	SKIN			
TLV-ACGIH			20						

#### Legend

(C) = CEILING; INHAL = Inhalable Fraction; RESP = Respirable Fraction; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.

### 8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

HAND PROTECTION

Protect hands with category III work gloves.

The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

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SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

Consider the appropriateness of providing antistatic clothing in the case of working environments in which there is a risk of explosion. EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, wear a mask with a type AX filter, whose limit of use will be defined by the manufacturer (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529. ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

Product residues must not be indiscriminately disposed of with waste water or by dumping in waterways.

### **SECTION 9. Physical and chemical properties**

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

Properties		Value		Information
Appearance		viscous liquid		
Colour		grey		
Odour		characteristic		
Melting point / freezing point		not available		
Initial boiling point	>	35 °C		
Flammability		not available		
Lower explosive limit		not available		
Upper explosive limit		not available		
Flash point	<	23 °C		
Auto-ignition temperature		not available		
Decomposition temperature		not available		
pH		not available		
Kinematic viscosity		not available		
Dynamic viscosity		85-95 KU		Method:ASTM D 562
				Temperature: = 25 °C
Solubility		insoluble in wat	er	
Partition coefficient: n-octanol/water		not available		
Vapour pressure		not available		
Density and/or relative density		1,93-1,97	kg/L	Method:ISO 2811
Relative vapour density		not available		
Particle characteristics		not applicable		

### 9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

Information not available

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

### 10.1. Reactivity

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

### 2-METHOXY-1-METHYLETHYL ACETATE

Stable in normal conditions of use and storage.



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### SECTION 10. Stability and reactivity .../>>

With the air it may slowly develop peroxides that explode with an increase in temperature.

#### N-BUTYL ACETATE

Decomposes on contact with: water.

**TOLUENE** 

Avoid exposure to: light.

#### 10.2. Chemical stability

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

### 10.3. Possibility of hazardous reactions

The vapours may also form explosive mixtures with the air.

### ZINC DUST stabilized, non pyrophorous

ZINC POWDER - ZINC DUST: risk of explosion on contact with: ammonium nitrate, ammonium sulphide, barium peroxide, lead nitride, chlorates, chromium trioxide, sodium hydroxide solutions, oxidising agents, performic acid, acids, tetrachloromethane, water. May react dangerously with alkali hydroxides, bromine pentafluoride, calcium chloride solution, fluorine, hexachloroethane, nitrobenzene, potassium dioxide, carbon disulphide, silver. Reacts with acids and strong alkalis developing hydrogen.

#### **ETHYLBENZENE**

Reacts violently with: strong oxidants.Attacks various types of plastic materials.May form explosive mixtures with: air.

#### 2-METHOXY-1-METHYLETHYL ACETATE

May react violently with: oxidising substances, strong acids, alkaline metals.

#### N-BUTYL ACETATE

Risk of explosion on contact with: strong oxidising agents. May react dangerously with: alkaline hydroxides, potassium tert-butoxide. Forms explosive mixtures with: air.

#### TOLUENE

Risk of explosion on contact with: fuming sulphuric acid,nitric acid,silver perchlorate,nitrogen dioxide,non-metal halogenates,acetic acid,organic nitrocompounds. May form explosive mixtures with: air. May react dangerously with: strong oxidising agents, strong acids, sulphur.

### 10.4. Conditions to avoid

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

### N-BUTYL ACETATE

Avoid exposure to: moisture, sources of heat, naked flames.

### 10.5. Incompatible materials

### ZINC DUST stabilized, non pyrophorous

ZINC POWDER - ZINC DUST: water, strong alkalis and acids.

#### 2-METHOXY-1-METHYLETHYL ACETATE

Incompatible with: oxidising substances, strong acids, alkaline metals.

#### N-BUTYL ACETATE

 $Incompatible\ with:\ water, nitrates, strong\ oxidants, acids, alkalis, zinc.$ 

### 10.6. Hazardous decomposition products

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

### ETHYLBENZENE

May develop: methane, styrene, hydrogen, ethane.

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

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Metabolism, toxicokinetics, mechanism of action and other information

### 2-METHOXY-1-METHYLETHYL ACETATE

The main route of entry is the skin, whereas the respiratory route is less important due to the low vapour pressure of the product.

### Information on likely routes of exposure

### ETHYLBENZENE

WORKERS: inhalation; contact with the skin.

POPULATION: ingestion of contaminated food or water; contact with the skin of products containing the substance.

#### ΕN



### VITEX S.A.

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#### **SECTION 11. Toxicological information** .../>>

2-METHOXY-1-METHYLETHYL ACETATE WORKERS: inhalation; contact with the skin.

N-BUTYL ACETATE

WORKERS: inhalation; contact with the skin.

**TOLUENE** 

WORKERS: inhalation; contact with the skin.

POPULATION: ingestion of contaminated food or water; 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

#### **ETHYLBENZENE**

As the counterparts of benzene, may have an acute effect on the central nervous system, with depression, narcosis, often preceded by dizziness and associated with headache (IspesI). Is irritating for skin, conjunctiva and respiratory tract.

#### 2-METHOXY-1-METHYLETHYL ACETATE

Above 100 ppm causes irritation of the eye, nose and oropharynx mucous membranes. At 1000 ppm, disturbance of equilibrium and severe eye irritation can be noticed. Clinical and biological examinations carried out on exposed volunteers revealed no anomalies. Acetate produces greater skin and eye irritation with direct contact. No chronic effects on humans have been reported (INCR, 2010).

#### N-BUTYL ACETATE

In humans, the substance's vapours cause irritation of the eyes and nose. In the event of repeated exposure, skin irritation, dermatitis (dryness and cracking of the skin) and keratitis appear.

#### TOLUENE

Toxic effect on the central and peripheral nervous system with encephalopathy and polyneuritis; irritating for the skin, conjunctiva, cornea and respiratory apparatus.

#### Interactive effects

### N-BUTYL ACETATE

A case of acute intoxication been reported involving a 33 year old worker while cleaning a tank with a preparation containing xylenes, butyl acetate and ethylene glycol acetate. The person had irritation of the conjunctiva and upper respiratory tract, drowsiness and motor coordination disorders, which disappeared within 5 hours. The symptoms are attributed to poisoning by mixed xylenes and butyl acetate, with a possible synergistic effect responsible for the neurological effects. Cases of vacuolar keratitis are reported in workers exposed to a mixture of butyl acetate and isobutanol vapours, but with uncertainty concerning the responsibility of a particular solvent (INRC, 2011).

### **TOLUENE**

Certain drugs and other industrial products can interfere with the metabolism of the toluene.

### **ACUTE TOXICITY**

ATE (Inhalation - vapours) of the mixture: > 20 mg/l

ATE (Oral) of the mixture: Not classified (no significant component)

ATE (Dermal) of the mixture: >2000 mg/kg

HYDROCARBONS, C9, AROMATICS

 LD50 (Dermal):
 > 2000 mg/kg Rabbit

 LD50 (Oral):
 > 2000 mg/kg Rat

 LC50 (Inhalation vapours):
 > 20 mg/l/4h

XYLENE (MIXTURE OF ISOMERS)

STA (Dermal): 1100 mg/kg estimate from table 3.1.2 of Annex I of the CLP

(figure used for calculation of the acute toxicity estimate of the mixture)

LD50 (Oral): > 2000 mg/kg Rat LC50 (Inhalation vapours): > 10 mg/l/4h Rat

ETHYLBENZENE

 LD50 (Dermal):
 15354 mg/kg Rabbit

 LD50 (Oral):
 3500 mg/kg Rat

 LC50 (Inhalation vapours):
 17,2 mg/l/4h Rat

HYDROCARBONS, C9-C11, n-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

 LD50 (Dermal):
 > 5000 mg/kg Rabbit

 LD50 (Oral):
 > 5000 mg/kg Rat

 LC50 (Inhalation vapours):
 > 20 mg/l/4h Rat



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### SECTION 11. Toxicological information .../>>

2-METHOXY-1-METHYLETHYL ACETATE

LD50 (Dermal): > 5000 mg/kg Rat LD50 (Oral): 8530 mg/kg Rat

N-BUTYL ACETATE

 LD50 (Dermal):
 > 5000 mg/kg Rabbit

 LD50 (Oral):
 > 6400 mg/kg Rat

 LC50 (Inhalation vapours):
 21,1 mg/l/4h Rat

HYDROCARBONS, C9-C12, n-ALKANES, ISOALKANES, CYCLICS, AROMATICS (2-25%)

LD50 (Oral): > 5000 mg/kg Rat LC50 (Inhalation vapours): > 20 mg/l/4h Rat

**TOLUENE** 

 LD50 (Dermal):
 12124 mg/kg Rabbit

 LD50 (Oral):
 5580 mg/kg Rat

 LC50 (Inhalation vapours):
 28,1 mg/l/4h Rat

#### **SKIN CORROSION / IRRITATION**

Repeated exposure may cause skin dryness or cracking.

#### **SERIOUS EYE DAMAGE / IRRITATION**

Does not meet the classification criteria for this hazard class

### RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

#### **GERM CELL MUTAGENICITY**

Does not meet the classification criteria for this hazard class

### CARCINOGENICITY

Does not meet the classification criteria for this hazard class

### ETHYLBENZENE

Classified in Group 2B (possible human carcinogen) by the International Agency for Research on Cancer (IARC) - (IARC, 2000). Classified in Group D (not classifiable as a human carcinogen) by the US Environmental Protection Agency (EPA) - (US EPA file on-line 2014).

#### **TOLUENE**

Classified in Group 3 (not classifiable as a human carcinogen) by the International Agency for Research on Cancer (IARC) - (IARC, 1999).

The US Environmental Protection Agency (EPA) affirms that "the data is inadequate for an assessment of the carcinogenic potential".

### REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

### **STOT - SINGLE EXPOSURE**

May cause respiratory irritation

### **STOT - REPEATED EXPOSURE**

Does not meet the classification criteria for this hazard class

### **ASPIRATION HAZARD**

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 human health effects under evaluation.



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### **SECTION 12. Ecological information**

This product is dangerous for the environment and highly toxic for aquatic organisms. In the long term, it have negative effects on aquatic environment.

### 12.1. Toxicity

XYLENE (MIXTURE OF ISOMERS)

 LC50 - for Fish
 > 1 mg/l/96h

 EC50 - for Crustacea
 > 1 mg/l/48h

 EC50 - for Algae / Aquatic Plants
 > 1 mg/l/72h

Chronic NOEC for Fish > 1 mg/l based on test data

Chronic NOEC for Crustacea > 0,1 mg/l

ZINC DUST stabilized, non pyrophorous

LC50 - for Fish 7,1 mg/l/96h Nothobranchius guentheri

EC50 - for Crustacea 2,8 mg/l/48h Daphnia magna

EC50 - for Algae / Aquatic Plants 0,015 mg/l/72h Pseudokirchneriella subcapitata

HYDROCARBONS, C9-C12, n-ALKANES, ISOALKANES, CYCLICS, AROMATICS (2-25%)

 LC50 - for Fish
 > 1 mg/l/96h

 EC50 - for Crustacea
 > 1 mg/l/48h

 EC50 - for Algae / Aquatic Plants
 > 1 mg/l/72h

Chronic NOEC for Fish > 0,1 mg/l based on modeled data
Chronic NOEC for Crustacea > 0,1 mg/l based on test data

HYDROCARBONS, C9, AROMATICS

 LC50 - for Fish
 > 1 mg/l/96h

 EC50 - for Crustacea
 > 1 mg/l/48h

 EC50 - for Algae / Aquatic Plants
 > 1 mg/l/72h

Chronic NOEC for Fish > 1 mg/l based on modeled data Chronic NOEC for Crustacea > 1 mg/l based on modeled data

HYDROCARBONS, C9-C11, n-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

 LC50 - for Fish
 > 100 mg/l/96h

 EC50 - for Crustacea
 > 100 mg/l/48h

 EC50 - for Algae / Aquatic Plants
 > 100 mg/l/72h

Chronic NOEC for Fish > 0,1 mg/l based on modeled data Chronic NOEC for Crustacea > 0,1 mg/l based on modeled data

ZINC OXIDE

LC50 - for Fish 1,1 mg/l/96h Oncorhynchus mykiss EC50 - for Crustacea 1,7 mg/l/48h Daphnia magna

EC50 - for Algae / Aquatic Plants 0,14 mg/l/72h Pseudokirchnerella subcapitata

Chronic NOEC for Fish 0,53 mg/l
Chronic NOEC for Algae / Aquatic Plants 0,024 mg/l

### 12.2. Persistence and degradability

XYLENE (MIXTURE OF ISOMERS)

Rapidly degradable

HYDROCARBONS, C9-C12, n-ALKANES, ISOALKANES, CYCLICS, AROMATICS (2-25%)

Rapidly degradable

HYDROCARBONS, C9, AROMATICS

Rapidly degradable

HYDROCARBONS, C9-C11, n-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

Rapidly degradable

2-METHOXY-1-METHYLETHYL ACETATE

Solubility in water > 10000 mg/l

Rapidly degradable



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### SECTION 12. Ecological information .../>>

**TOLUENE** 

Solubility in water 100 - 1000 mg/l

Rapidly degradable

**ETHYLBENZENE** 

Solubility in water 1000 - 10000 mg/l

Rapidly degradable

N-BUTYL ACETATE

Solubility in water 1000 - 10000 mg/l

ZINC OXIDE

Solubility in water 2,9 mg/l

NOT rapidly degradable

### 12.3. Bioaccumulative potential

XYLENE (MIXTURE OF ISOMERS)

Partition coefficient: n-octanol/water 3,12

HYDROCARBONS, C9-C12, n-ALKANES, ISOALKANES, CYCLICS, AROMATICS (2-25%)

Partition coefficient: n-octanol/water 3,7

HYDROCARBONS, C9, AROMATICS

Partition coefficient: n-octanol/water 3,7

HYDROCARBONS, C9-C11, n-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

Partition coefficient: n-octanol/water 5

2-METHOXY-1-METHYLETHYL ACETATE

Partition coefficient: n-octanol/water 1,2

**FOLUENE** 

Partition coefficient: n-octanol/water 2,73 BCF 90

ETHYLBENZENE

Partition coefficient: n-octanol/water 3,6

N-BUTYL ACETATE

Partition coefficient: n-octanol/water 2,3 BCF 15,3

ZINC OXIDE

BCF > 175

### 12.4. Mobility in soil

N-BUTYL ACETATE

Partition coefficient: soil/water < 3

### 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 ≥ than 0,1%.

### 12.6. Endocrine disrupting properties

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

### 12.7. Other adverse effects

Information not available



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

### 13.1. Waste treatment methods

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Waste transportation may be subject to ADR restrictions.

**CONTAMINATED PACKAGING** 

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

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

### 14.1. UN number or ID number

ADR / RID, IMDG, IATA: 1263

### 14.2. UN proper shipping name

ADR / RID: PAINT OF PAINT RELATED MATERIAL IMDG: PAINT OF PAINT RELATED MATERIAL IATA: PAINT OF PAINT RELATED MATERIAL

### 14.3. Transport hazard class(es)

ADR / RID: Class: 3 Label: 3

IMDG: Class: 3 Label: 3

IATA: Class: 3 Label: 3



### 14.4. Packing group

ADR / RID, IMDG, IATA:

The product, if packed in packages of less than 450 litres, can be assigned to P.G. III as provided for by 2.2.3.1.4 of the ADR. The product, if packed in packages of less than 450 litres, can be assigned to P.G. III as provided for by 2.3.2.2 of the IMDG Code. The product, if packed in packages of less than 30 litres, can be assigned to P.G. III as provided for by 3.3.3.1.1 of the DGR IATA.

### 14.5. Environmental hazards

ADR / RID: Environmentally Hazardous

IMDG: Marine Pollutant

IATA: NO

For Air transport, environmentally hazardous mark is only mandatory for UN 3077 and UN 3082.

### 14.6. Special precautions for user

ADR / RID: HIN - Kemler: 33 Limited Quantities: 5 L Tunnel restriction code: (D/E)

Special provision: 163, 367, 640D, 650

IMDG: EMS: F-E, <u>S-E</u> Limited Quantities: 5 L

IATA: Cargo: Maximum quantity: 60 L Packaging instructions: 364
Passengers: Maximum quantity: 5 L Packaging instructions: 353

Special provision: A3, A72, A192



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### **SECTION 14. Transport information** .../>>

### 14.7. Maritime transport in bulk according to IMO instruments

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/EU: P5c-E1

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

Product

Point 3 - 40

Contained substance

Point 75

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

not applicable

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage ≥ than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

#### Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

VOC (Directive 2004/42/EC):

One - pack performance coatings.

### 15.2. Chemical safety assessment

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

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

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

Flam. Liq. 2 Flammable liquid, category 2
Flam. Liq. 3 Flammable liquid, category 3
Repr. 2 Reproductive toxicity, category 2
Acute Tox. 4 Acute toxicity, category 4

STOT RE 1 Specific target organ toxicity - repeated exposure, category 1

Asp. Tox. 1 Aspiration hazard, category 1
STOT RE 2 Specific target organ toxicity - repeated exposure, category 2

Eye Irrit. 2 Eye irritation, category 2
Skin Irrit. 2 Skin irritation, category 2

STOT SE 3 Specific target organ toxicity - single exposure, category 3

Aquatic Acute 1 Hazardous to the aquatic environment, acute toxicity, category 1

Aquatic Chronic 1 Hazardous to the aquatic environment, chronic toxicity, category 1

Aquatic Chronic 2 Hazardous to the aquatic environment, chronic toxicity, category 2

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.

H361d Suspected of damaging the unborn child.

H312 Harmful in contact with skin.

H332 Harmful if inhaled.

H372 Causes damage to organs through prolonged or repeated exposure.

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### VITEX S.A.

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### SECTION 16. Other information .../>>

H304 May be fatal if swallowed and enters airways.

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

H319 Causes serious eye irritation.
H315 Causes skin irritation.

H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.

**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.

**EUH066** Repeated exposure may cause skin dryness or cracking.

#### LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 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: 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: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

#### **GENERAL BIBLIOGRAPHY**

- 1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
- 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
- 3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
- 4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
- 5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
- 6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
- 7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
- 8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
- 10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
- 11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
- 12. Regulation (EU) 2016/1179 (IX Atp. CLP)
- 13. Regulation (EU) 2017/776 (X Atp. CLP)
- 14. Regulation (EU) 2018/669 (XI Atp. CLP)
- 15. Regulation (EU) 2019/521 (XII Atp. CLP)
- 16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
- 17. Regulation (EU) 2019/1148
- 18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
- 19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
- 20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
- 21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
- 22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)
- The Merck Index. 10th Edition
- Handling Chemical Safety



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#### SECTION 16. Other information .../>>

- INRS Fiche Toxicologique (toxicological sheet)
- Patty Industrial Hygiene and Toxicology
- N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals Ministry of Health and ISS (Istituto Superiore di Sanità) Italy

### Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

### CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

Changes to previous review:

The following sections were modified:

02 / 03 / 08 / 09 / 10 / 11 / 12 / 14 / 16.