Code: 630161011

Version: 4 Revision: 08/10/2021 Previous revision: 07/07/2021 Date of printing: 08/10/2021

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

A.M.P.E.R.E ATHLETIC PAINT® 15KG 1.1 PRODUCT IDENTIFIER:

Code: 630161011

RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST: 1.2

Matt coating for interior walls and ceilings, water-borne.

[X] Industrial [X] Professional [] Consumers

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Intended uses (main technical functions):

Jses advised against

None. As there is not classified as dangerous, this product can be used in ways other than the identified uses, but all uses have to be consistent with the safety guidelines provided.

Restrictions on manufacture, placing on market and use, according to Annex XVII of Regulation (EC) No. 1907/2006:

Not restricted

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET: 1.3

A.M.P.E.R.E. SYSTEM

3 rue Antoine Balard - Z.I. du Vert Galant

95310 Saint-Ouen-l'Aumône - FRANCE Tél: + 33 1 34 64 72 72 / Fax: +33 1 30 37 55 17

E-mail address of the person responsible for the Safety Data Sheet:

e-mail: fds@amperesystem.com

EMERGENCY TELEPHONE NUMBER: 0344 892 0111



1.4

National Poisons Information Service (NPIS) - In England, Wales or Scotland: dial 111 - In N Ireland: contact your local GP or pharmacist during normal hours.

SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE ORMIX TURE:

This product is not classified as dangerous, in accordance with Regulation (EU) No. 1272/2008~2020/1182 (CLP)

Note: When in section 3 a range of percentages is used, the health and environmental hazards describe the effects of the highest concentration of each component, but below the maximum value.

Note: This product does not require a Safety Data Sheet according to the Regulation (EC) no. 2015/830. When used as recommended or under ordinary conditions, it should not present a physicochemical, health safety or environmental hazard. However, an MSDS can be provided as a courtesy in response to a customer request.

2.2 ABEL ELEMENTS:

This product does not require pictograms, in accordance with Regulation (EU) No. 1272/2008~2020/1182 (CLP)

Hazard statements:

None.

Precautionary statements:

P102 Keep out of reach of children.

P271 Use only outdoors or in a well-ventilated area. P280B Wear protective gloves and eye protection.

P273 Avoid release to the environment.

<u>supplementary statements:</u>

EUH208 Contains mixture CIT EC 247-500-7 MIT EC 220-239-6 (3:1). May produce an allergic reaction.

EUH210 Safety data sheet available on request.

Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. EUH211

Substances that contribute to classification:

2.3 OTHER HAZARDS

Hazards which do not result in classification but which may contribute to the overall hazards of the mixture:

Other physicochemical hazards: In case the ventilation is not enough and there is an accumulation of vapors, may be form with air a mixture potentially flammable or explosive.

Other adverse human health effects: No other relevant adverse effects are known.

Other negative environmental effects: Does not contain substances that fulfil the PBT/vPvB criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 SUBSTANCES:

Not applicable (mixture).

3.2 MIXTURES

This product is a mixture.

Chemical description:

Solution of limestone in aqueous media.

HAZARDOUS INGREDIENTS:

Substances taking part in a percentage higher than the exemption limit:

< 0,0015 %

Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

CAS: 55965-84-9 , List No. 611-341-5 REACH: Exempt (biocide)
CLP: Danger: Acute Tox. (inh.) 2 H330 | Acute Tox. (skin) 2:H310 | Acute Tox. (oral) 3:H301 | (Note B)
Skin Corr. 1C:H314 | Eye Dam. 1:H318 | Skin Sens. 1A:H317 | Aquatic Acute 1:H400 (M=100)

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Index No. 613-167-00-5

< ATP13

| Aquatic Chronic 1:H410 (M=100) | EUH071

mpurities:

Does not contain other components or impurities which will influence the classification of the product.

Stabilizers:

None

Reference to other sections:

For more information, see sections 8, 11, 12 and 16.

SUBSTANCES OF VERY HIGH CONCERN (SVHC):

List updated by ECHA on 08/07/2021.

Substances SVHC subject to authorisation, included in Annex XIV of Regulation (EC) no. 1907/2006:

None

Substances SVHC candidate to be included in Annex XIV of Regulation (EC) no. 1907/2006:

None

PERSISTENT, BIOACCUMULABLE AND TOXIC PBT, OR VERY PERSISTENT AND VERY BIOACCUMULABLE VPVB SUBSTANCES:

Does not contain substances that fulfil the PBT/vPvB criteria.

SECTION 4: FIRST AID MEASURES

4.1 <u>DESCRIPTION OF FIRST-AID MEASURES:</u>



Symptoms may occur after exposure, so that in case of direct exposure to the product, when in doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Route of exposure	Symptoms and effects, acute and delayed	Description of first-aid measures
Inhalation:	It is not expected that symptoms will occur under normal conditions of use.	Should there be any symptoms, transfer the person affected to the open air.
Skin:	It is not expected that symptoms will occur under normal conditions of use.	Remove contaminated clothing. Wash thoroughly the affected area with plenty of cold or lukewarm water and neutral soap, or use a suitable skin cleanser. Do not use solvents or thinners.
Eyes:	It is not expected that symptoms will occur under normal conditions of use.	Remove contact lenses. Rinse eyes copiously by irrigation with plenty of clean, fresh water, holding the eyelids apart. If irritation persists, consult a physician.
Ingestion:	If swallowed in high doses, may cause gastrointestinal disturbances.	If swallowed, seek immediate medical attention. Do not induce vomiting, due to the risk of aspiration. Keep the patient at rest.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

The main symptoms and effects are indicated in sections 4.1 and 11.1

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Notes to physician: Treatment should be directed at the control of symptoms and the clinical condition of the patient.

Antidotes and contraindications: Specific antidote not known.

SECTION 5: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguishing powder or CO2. In the case of more important fires, also alcohol resistant foam and water spray/mist. Do not use for extinguishing: direct water jet. Direct water jet may not be effective to extinguish the fire, since the fire may spread.

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SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIX TURE: 5.2

As consequence of combustion or thermal decomposition, hazardous products may be produced: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products may be a hazard to health.

5.3 **ADVICE FOR FIREFIGHTERS:**

Special protective equipment: Depending on magnitude of fire, heat-proof protective clothing may be required, appropriate independent breathing apparatus, gloves, protective glasses or face masks and boots. If the fire-proof protective equipment is not available or is not being used, combat fire from a sheltered position or from a safe distance. The standard EN469 provides a basic level of protection for chemical incidents.

Other recommendations: Cool with water the tanks, cisterns or containers close to sources of heat or fire. Bear in mind the direction of the wind. Do not allow fire-fighting residue to enter drains, sewers or water courses.

Hazchem (Emergency Action) Code: Not applicable.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: 6.1

Eliminate possible sources of ignition and when appropriate, ventilate the area. Do not smoke. Aword direct contact with this product. Avoid breathing vapours. Keep people without protection in opposition to the wind direction.

ENVIRONMENTAL PRECAUTIONS: 6.2

Avoid contamination of drains, surface or subterranean water and soil. In the case of large scale spills or when the product contaminates lakes, rivers or sewages, inform the appropriate authorities in accordance with local regulations.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP: 6.3

Contain and mop up spills with non-combustible absorbent materials (earth, sand, vermiculite, diatomaceous earth, etc..). Avoid use of solvents. Keep the remains in a closed container.

REFERENCE TO OTHER SECTIONS: 6.4

For contact information in case of emergency, see section 1.

For information on safe handling, see section 7.

For exposure controls and personal protection measures, see section 8.

For waste disposal, follow the recommendations in section 13.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING:

Comply with the existing legislation on health and safety at work.

General recommendation

Use in areas free from sources of ignition and away from heat or electrical sources. Do not smoke. Avoid any type of leakage or escape. Keep the container tightly closed.

ecommendations for the prevention of fire and explosion risks:

Vapours are heavier than air, may spread along floors to a considerable distance, can form explosive mixtures with air and are able to reach distant ignition sources and flame up or explode. Due to its flammability, this material should only be used in areas from which all naked lights and other sources of ignition have been excluded and away from other heat or electrical sources. Switch mobile phones off and do not smoke. No tools with a potential for sparks should be used.

Recommendations for the prevention of toxicological risks

Do not eat, drink or smoke in application and drying areas. After handling, wash hands with soap and water. For exposure controls and personal protection measures, see section 8.

Recommendations for the prevention of environmental contamination:

It is not considered a danger to the environment. In the case of accidental spillage, follow the instructions indicated in section 6.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Forbid the entry to unauthorized persons. Keep out of reach of children. This product should be stored isolated from heat and electrical sources. Do not smoke in storage area. If possible, avoid direct contact with sunlight. In order to avoid leakages, the containers, after use, should be closed carefully and placed in a vertical position. For more information, see section 10.

Class of storage

According to current legislation. Maximum storage period 24. months

Temperature interval

min: 5. °C, max: 40. °C (recommended).

Incompatible materials

Keep away from oxidixing agents, from strongly alkaline and strongly acid materials. Type of packaging:

According to current legislation.

imit quantity (Seveso III): Directive 2012/18/EU:

Not applicable (product not classified as dangerous).

7.3

For the use of this product particular recommendations apart from that already indicated are not available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS:

If a product contains ingredients with exposure limits, may be necessary a personnel monitoring, work place or biological, to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to EN689, EN14042 and EN482 standard concerning methods for assessing the exposure by inhalation to chemical agents, and exposure to chemical and biological agents. Reference should be also made to national guidance documents for methods for the determination of dangerous substances.

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OCCUPATIONAL EXPOSURE LIMIT VALUES (WEL)

EH40/2005 WELs (United Kingdom) 2018	<u>Year</u>	WEL-TWA		WEL-STEL	<u>.</u>	Remarks
		ppm	mg/m3	ppm	mg/m3	
Mixture CIT EC 247-500-7 MIT EC 220-239-6 (3:1)		-	0.080	-	0.23	Recommended

WEL - Workplace Exposure Limit, TWA - Time Weighted Average (8 hours), STEL - Short Term Exposure Limit (15 min).

BIOLOGICAL LIMIT VALUES:

Not available

DERIVED NO-EFFECT LEVEL (DNEL):

Derived no-effect level (DNEL) is a level of exposure that is considered safe, derived from toxicity data according to specific guidances included in REACH. DNEL values may differ from a occupational exposure limit (OEL) for the same chemical. OEL values may come recommended by a particular company, a government regulatory agency or an organization of experts. Although considered protective of health, the OEL values are derived by a process different of REACH.

Derived no-effect level, workers: - Systemic effects, acute and chronic: Mixture CIT EC 247-500-7 MIT EC 220-239-6 (3:1)	DNEL Inhalation mg/m3 - (a)	- (c)	DNEL Cutaneous mg/kg bw/d - (a)	- (c)	DNEL Oral mg/kg bw/d - (a)	- (c)
Derived no-effect level, workers: - Local effects, acute and chronic: Mixture CIT EC 247-500-7 MIT EC 220-239-6 (3:1)	DNEL Inhalation mg/m3 - (a)	- (c)	DNEL Cutaneous mg/cm2 - (a)	- (c)	DNEL Eyes mg/cm2 - (a)	- (c)

Derived no-effect level, general population:

Not applicable (product for professional or industrial use).

(-) - DNEL not available (without data of registration REACH).

PREDICTED NO-EFFECT CONCENTRATION (PNEC):

Predicted no-effect concentration, aquatic organisms: - Fresh water, marine water and intermittent release: Mixture CIT EC 247-500-7 MIT EC 220-239-6 (3:1)	PNEC Fresh water mg/l	PNEC Marine mg/l	PNEC Intermittent mg/l
- Wastewater treatment plants (STP) and sediments in fresh- and marine water: Mixture CIT EC 247-500-7 MIT EC 220-239-6 (3:1)	PNEC STP	PNEC Sediments	PNEC Sediments
	mg/l	mg/kg dw/d	mg/kg dw/d
Predicted no-effect concentration, terrestrial organisms: - Air, soil and effe ds for predators and humans: Mixture CIT EC 247-500-7 MIT EC 220-239-6 (3:1)	PNEC Air	PNEC Soil	PNEC Oral
	mg/m3	mg/kg dw/d	mg/kg dw/d

(-) - PNEC not available (without data of registration REACH).

8.2 **EXPOSURE CONTROLS:**

ENGINEERING MEASURES:











Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these measures are not sufficient to maintain concentrations of particulates and vapours below the Occupational Exposure Limits, suitable respiratory protection must be worn.

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Protection of respiratory system: Avoid the inhalation of vapours.

Protection of eyes and face: It is recommended to install water taps, sources or eyewash bottles with clean water close to the working area.

Protection of hands and skin: It is recommended to install water taps or sources with clean water close to the working area. Barrier creams may help to protect the exposed areas of the skin. Barrier creams should not be applied once exposure has occurred.

OCCUPATIONAL EXPOSURE CONTROLS: Regulation (EU) No. 2016/425:

As a general measure on prevention and safety in the work place, we recommend the use of a basic personal protection equipment (PPE), with the corresponding marking. For more information on personal protective equipment (storage, use, cleaning, maintenance, type and characteristics of the PPE, protection class, marking, category, CEN norm, etc...), you should consult the informative brochures provided by the manufacturers of PPE.

protocuori ciaco, martang	, satisfierly, 9214 horning statisfier detection informative provinced by the manufacture of the 12.
Mask:	# A-type filter mask (brown) for gases and vapours of organic compounds with a boiling point higher than 65°C (EN14387). Class 1: low capacity up to 1000 ppm, Class 2: medium capacity up to 5000 ppm, Class 3: high capacity up to 10000 ppm. In order to obtain a suitable protection level, the filter class must be selected depending on the type and concentration of the contaminating agents present, in accordance with the specifications supplied by the filter producers.
Safety goggles:	Safety goggles designed to protect against liquid splashes, with suitable lateral protection (EN166). Clean daily and disinfect at regular intervals in accordance with the instructions of the manufacturer.
Face shield:	No.
Gloves:	Gloves resistant against chemicals (EN374). When repeated or prolonged contact with the product is expected, gloves of protection level 5 or higher should be used, with a breakthrough time of >240 min. When short contact with the product is expected, use gloves with a protection level 2 or higher should be used, with a breakthrough time >30 min. The breakthrough time of the selected glove material should be in accordance with the pretended period of use. There are several factors (for example, temperature), they do in practice the period of use of a protective gloves resistant against chemicals is clearly lower than the established standard EN374. Due to the wide variety of circumstances and possibilities, the instructions/specifications provided by the glove supplier should be taken into account. The gloves should be immediately replaced when any sign of degradation is noted.
Boots:	No.
Apron:	No.
Clothing:	No.

Thermal hazards:

Not applicable (the product is handled at room temperature).

ENVIRONMENTAL EXPOSURE CONTROLS:

Avoid any spillage in the environment. Avoid any release into the atmosphere.

Spills on the soil: Prevent contamination of soil.

Spills in water: Do not allow to escape into drains, sewers or water courses.

Water Management Act: This product does not contain any substance included in the list of priority substances in the field of water policy under Directive 2000/60/EC~2013/39/EU.

Emissions to the atmosphere: Because of volatility, emissions to the atmosphere while handling and use may result. Avoid any release into the atmosphere.

VOC (product ready for use*): It is applicable the Directive 2004/42/EC, on the limitation of emissions of volatile compounds due to the use of organic solvents: PAINTS AND VARNISHES (defined in the Directive 2004/42/EC, Annex I.1): Emission subcategory a) Matt coating for interior walls and ceilings, water-borne. VOC (product ready for use*) (produto pronto a usar.):24.2* g/l* (VOC max. 30. g/l* starting from 01.01.2010).

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

Appearance

Physical state Liquid. - Odour Characteristic.

pH-value

8.5 ± 0.5 at 20°C Ha -

Change of state Initial boiling point > 100* °C at 760 mmHg

Density

1.6 at 20/4ºC - Relative density Relative water

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Stability

- Decomposition temperature Not available

Viscosity: Volatility:

17.3* mmHg at 20°C 12.1* kPa at 50°C Vapour pressure Vapour pressure

Solubility(ies)

Partition coefficient: n-octanol/water Not applicable (mixture).

Flammability:

- Flash point

98* ^QC 2.6*- 12.4* % Volume 25^QC - Lower/upper flammability or explosive limits Autoignition temperaturé Not applicable (do not sustain combustion).

Explosive properties

Vapours can form explosive mixtures with air and are able to flame up or explode in presence of an ignition source.

Oxidizing properties

Not classified as oxidizing product.

*Estimated values based on the substances composing the mixture.

9.2 **OTHER INFORMATION:**

Solids 65.4 % Weight - VOC (supply) 1.5 % Weight - VOC (supply)

The values indicated do not always coincide with product specifications. The data for the product specifications can be found in the corresponding technical data sheet. For additional information concerning physical and chemical properties related to safety and environment, see sections 7 and 12.

SECTION 10: STABILITY AND REACTIVITY

10.1 **REACTIVITY:**

Corrosivity to metals: It is not corrosive to metals.

Pyrophorical properties: It is not pyrophoric.

10.2 **CHEMICAL STABILITY:**

Stable under recommended storage and handling conditions.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS:

Possible dangerous reaction with oxidizing agents, acids.

CONDITIONS TO AVOID: 10.4

Heat: Keep away from sources of heat.

Light: If possible, avoid direct contact with sunlight.

Air: The product is not affected by exposure to air, but should not be left the containers open.

Pressure: Not relevant.

Shock: The product is not sensitive to shocks, but as a recommendation of a general nature should be avoided bumps and rough handling to avoid dents and breakage of packaging, especially when the product is handled in large quantities, and during loading and download operations.

INCOMPATIBLE MATERIALS: 10.5

Keep away from oxidixing agents, from strongly alkaline and strongly acid materials.

HAZARDOUS DECOMPOSITION PRODUCTS: 10.6

As consequence of thermal decomposition, hazardous products may be produced: carbon monoxide.

SECTION 11: TOXICOLOGICAL INFORMATION

No experimental toxicological data on the preparation is available. The toxicological classification for these mixture has been carried out by using the conventional calculation method of the Regulation (EU) No. 1272/2008~2020/1182 (CLP).

11.1 <u>INFORMATION ON TOXICOLOGICAL EFFECTS:</u>

ACUTE TOXICITY:

Dose and lethal concentrations for individual ingredients: Mixture CIT EC 247-500-7 MIT EC 220-239-6 (3:1)	LD50 (OECD 401)	LD50 (OECD 402)	LC50 (OECD 403)
	mg/kg bw oral	mg/kg bw cutaneous	mg/m3·4h inhalation
	75. Rat	140. Rat	> 1230. Rat
Estimates of acute toxicity (ATE) for individual ingredients: Mixture CIT EC 247-500-7 MIT EC 220-239-6 (3:1)	ATE mg/kg bw oral 75.	ATE mg/kg bw cutaneous 140.	ATE mg/m3·4h inhalation 1230.

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No observed adverse effect level

Not available

Lowest observed adverse effect level

Not available

INFORMATION ON LIKELY ROUTES OF EX POSURE: Acute toxicity:

Routes of exposure	Acute toxicity	Cat.	Main effects, acute and/or delayed	Criteria
Inhalation: Not classified	ATE > 20000 mg/m3	-	Not classified as a product with acute toxicity if inhaled (based on available data, the classification criteria are not met).	GHS/CLP 3.1.3.6.
Skin: Not classified	ATE > 2000 mg/kg bw	-	Not classified as a product with acute toxicity in contact with skin (based on available data, the classification criteria are not met).	GHS/CLP 3.1.3.6.
Eyes: Not classified	Not available	-	Not classified as a product with acute toxicity by eye contact (lack of data).	GHS/CLP 1.2.5.
Ingestion: Not classified	ATE > 2000 mg/kg bw	-	Not classified as a product with acute toxicity if swallowed (based on available data, the classification criteria are not met).	GHS/CLP 3.1.3.6.

GHS/CLP 3.1.3.6: Classification of mixtures based on ingredients of the mixture (additivity formula).

CORROSION/IRRITATION/SENSITISATION:

Danger class	Target organs	Cat.	Main effects, acute and/or delayed	Criteria
Respiratory corrosion/irritation: Not classified	-	-	Not classified as a product corrosive or irritant by inhalation (based on available data, the classification criteria are not met).	GHS/CLP 1.2.6. 3.8.3.4.
Skin corrosion/irritation: Not classified	-	-	Not classified as a product corrosive or irritant in contact with skin (based on available data, the classification criteria are not met).	GHS/CLP 3.2.3.3.
Serious eye damage/irritation: Not classified	-	-	Not classified as a product corrosive or irritant in contact with eyes (based on available data, the classification criteria are not met).	GHS/CLP 3.3.3.3.
Respiratory sensitisation: Not classified	-	-	Not classified as a product sensitising by inhalation (based on available data, the classification criteria are not met).	GHS/CLP 3.4.3.3.
Skin sensitisation: Not classified	-	-	Not classified as a product sensitising by skin contact (based on available data, the classification criteria are not met).	GHS/CLP 3.4.3.3.

GHS/CLP 3.2.3.3: Classification of the mixture when data are available for all components or only for some components.

ASPIRATION HAZARD:

Danger class	Target organs	Cat.	Main effects, acute and/or delayed	Criteria
Aspiration hazard: Not classified	-	-	Not classified as a product hazardous by aspiration (based on available data, the classification criteria are not met).	GHS/CLP 3.10.3.3.

GHS/CLP 3.10.3.3: Classification of the mixture when data are available for all components or only for some components.

^{(*) -} Point estimates of acute toxicity corresponding to the classification category (see GHS/CLP Table 3.1.2). These values are designed to be used in the calculation of the ATE for classification of a mixture based on its components and do not represent test results.

^{(-) -} The components that are assumed to have no acute toxicity at the upper threshold of category 4 for the corresponding exposure route are ignored.

GHS/CLP 3.3.3.3: Classification of the mixture when data are available for all components or only for some components.

GHS/CLP 3.4.3.3: Classification of the mixture when data are available for all components or only for some components.

CMR EFFECTS:

Carcinogenic effects: It is not considered as a carcinogenic product.

Genotoxicity: It is not considered as a mutagenic product.

Toxicity for reproduction: Does not harm fertility. Does not harm the unborn child. Effects via lactation: Not classified as a hazardous product for children breast-fed.

DELAYED AND IMMEDIATE EFFECTS AS WELLAS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE:

Routes of exposure: Not available. Short-term exposure: Not available.
Long-term or repeated exposure: Not available.

INTERACTIVE EFFECTS:

Not available.

INFORMATION ABOUT TOXICOCNETICS, METABOLISM AND DISTRIBUTION:

<u>Dermal absorption:</u> Not available. Basic toxicokinetics: Not available.

ADDITIONAL INFORMATION:

Not available.

SECTION 12: ECOLOGICAL INFORMATION

No experimental ecotoxicological data on the preparation as such is available. The ecotoxicological classification for these mixture has been carried out by using the conventional calculation method of the Regulation (EU) No. 1272/2008~2020/1182 (CLP).

12.1	TOXICITY:

Acute toxicity in aquatic environment for individual ingredients: Mixture CIT EC 247-500-7 MIT EC 220-239-6 (3:1)			EC50 (OECD 201) mg/l-72hours 0.0052 Algae
No observed effect concentration			NOEC (OECD 201)
Mixture CIT EC 247-500-7 MIT EC 220-239-6 (3:1)	0.020 Fishes	0.011 Daphnia	0.00049 Algae

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Lowest observed effect concentration

Not available

ASSESSMENT OF A QUATIC TOXICITY:

Aquatic toxicity	Cat.	Main hazards to the aquatic environment	Criteria
Acute aquatic toxicity: Not classified	-	Not classified as a hazardous product with acute toxicity to aquatic life (based on available data, the classification criteria are not met).	GHS/CLP 4.1.3.5.5.3.
Chronic aquatic toxicity: Not classified	-	Not classified as a dangerous product with chronic toxicity to aquatic life with long lasting effects (based on available data, the classification criteria are not met).	GHS/CLP 4.1.3.5.5.4.

CLP 4.1.3.5.5.3: Classification of a mixture for acute hazards, based on summation of classified components

CLP 4.1.3.5.5.4: Classification of a mixture for chronic (long term) hazards, based on summation of classified components

PERSISTENCE AND DEGRADABILITY: 12.2

Not available.

<u>Aerobic biodegradation</u>	DQO	%DBO/DQO	Biodegradability
for individual ingredients :	mgO2/g	5 days 14 days 28 days	
Mixture CIT EC 247-500-7 MIT EC 220-239-6 (3:1)		55.	Not easy

Note: Biodegradability data correspond to an average of data from various bibliographic sources.

BIOACCUMULATIVE POTENTIAL: 12.3

Not available.

Bioaccumulation	log Pow	BCF			Potential	
for individual ingredients :		L/kg				
Mixture CIT EC 247-500-7 MIT EC 220-239-6 (3:1)	0.750	_	3.2	(calculated)	Unlikely, low	

12.4 **MOBILITY IN SOIL:**

Not available.

Mobility	log Poc	Constant of Henry	<u>Potential</u>
for individual ingredients :		Pa·m3/mol 20°C	
Mixture CIT EC 247-500-7 MIT EC 220-239-6 (3:1)	0.450		Unlikely, low

RESULTS OF PBT AND VPVB ASSESMENT: Annex XIII of Regulation (EC) no. 1907/2006: 12.5

Does not contain substances that fulfil the PBT/vPvB criteria.

OTHER ADVERSE EFFECTS 12.6

Ozone depletion potential: Not available.

Photochemical ozone creation potential: Not available. Earth global warming potential: Not available. Endocrine disrupting potential: Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS: Directive 2008/98/EC~Regulation (EU) no. 1357/2014: 13.1

Take all necessary measures to prevent the production of waste whenever possible. Analyse possible methods for revaluation or recycling. Do not discharge into drains or the environment, dispose at an authorised waste collection point. Waste should be handled and disposed in accordance with current local and national regulations. For exposure controls and personal protection measures, see section 8.

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Disposal of empty containers: Directive 94/62/EC~2015/720/EU, Decision 2000/532/EC~2014/955/EU:

Emptied containers and packaging should be disposed in accordance with currently local and national regulations. The classification of packaging as hazardous waste will depend on the degree of empting of the same, being the holder of the residue responsible for their classification, in accordance with Chapter 15 01 of Decision 2000/532/EC, and forwarding to the appropriate final destination. With contaminated containers and packaging, adopt the same measures as for the product in itself.

Procedures for neutralising or destroying the product:

Authorised landfill in accordance with local regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 UN NUMBER: Not applicable

UN PROPER SHIPPING NAME: Not applicable 14.2

14.3 TRANSPORT HAZARD CLASS(ES):

> Transport by road (ADR 2021) and Transport by rail (RID 2021):

Not regulated

Transport by sea (IMDG 39-18): Not regulated

Transport by air (ICAO/IATA 2021):

Not regulated

Transport by inland waterways (ADN):

Not regulated

14.4 PACKING GROUP:

Not regulated

14.5 ENVIRONMENTAL HAZARDS:

Not applicable (not classified as hazardous for the environment).

14.6 SPECIAL PRECAUTIONS FOR USERS

Ensure that persons transporting the product know what to do in case of accident or spill. Always transport in closed containers that are upright and secure.

14.7 ADDITIONAL INFORMATION:

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

Hazchem (Emergency Action) Code: Not applicable.

SECTION 15: REGULATORY INFORMATION

EU SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC: 15.1

The regulations applicable to this product generally are listed throughout this Safety Data Sheet.

Restrictions on manufacture, placing on market and use: See section 1.2

Tactile warning of danger: Not applicable (the classification criteria are not met).

Child safety protection: Not applicable (the classification criteria are not met).

VOC information on the label

Contains VOC max. 24. g/l - The limit value 2004/42/CE-IIA cat. a) for the product ready for use is VOC max. 30. g/l (2010).

OTHER REGULATIONS:

Control of the risks inherent in major accidents (Seveso III): See section 7.2

The receiver should verify the possible existence of local regulations applicable to the chemical.

15.2 **CHEMICAL SAFETY ASSESSMENT:**

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: OTHER INFORMATION

TEXT OF THE PHRASES AND NOTES REFERENCED IN SECTIONS 2 AND/OR 3:

Hazard statements according the Regulation (EU) No. 1272/2008~2020/1182 (CLP), Annex III:

H301 Toxic if swallowed. H310 Fatal in contact with skin. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H330 Fatal if inhaled. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. EUH071 Corrosive to the respiratory tract.

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Notes related to the identification, classification and labelling of the substances

Note B: Some substances are placed on the market in aqueous solutions at various concentrations and these solutions require different classification and labelling since the hazards vary at different concentrations.

EVALUATION OF THE INFORMATION ON THE DANGER OF MIXTURES: See sections 9.1, 11.1 and 12.1.

ADVICES ON ANY TRAINING APPROPRIATE FOR WORKERS:

It is recommended for all staff that will handle this product to carry out a basic training in occupational risk and prevention, in order to provide understanding and interpretation of Safety Data Sheets and labelling of products as well.

MAIN LITERATURE REFERENCES AND SOURCES FOR DATA:

- · European Chemicals Agency: ECHA, http://echa.europa.eu/
- · Access to European Union Law, http://eur-lex.europa.eu/
- · Workplace Exposure Limits, (United Kingdom, 2018).

ABBREVIATIONS AND ACRONYMS:

List of abbreviations and acronyms that can be used (but not necessarily used) in this Safety Data Sheet:

- REACH: Regulation concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.
- · GHS: Globally Harmonized System of Classification and Labelling of Chemicals of the United Nations.
- · CLP: European regularion on Classificatin, Labelling amd Packaging of substances and chemical mixtures.
- · EINECS: European Inventory of Existing Commercial Chemical Substances.
- · ELINCS: European List of Notified Chemical Substances.
- · CAS: Chemical Abstracts Service (Division of the American Chemical Society).
- · UVCB: Substances of Unknown or Variable composition, complex reaction products or biological materials.
- · SVHC: Substances of Very High Concern.
- · PBT: Persistent, bioaccumulable and toxic substances.
- · vPvB: Very persistent and very bioaccumulable substances.
- VOC: Volatile Organic Compounds.
- · DNEL: Derived No-Effect Level (REACH).
- · PNEC: Predicted No-Effect Concentration (REACH).
- · LD50: Lethal dose, 50 percent.
- · LC50: Lethal concentration, 50 percent.
- UN: United Nations Organisation.
- · ADR: European agreement concerning the international carriage of dangeous goods by road.
- · RID: Regulations concerning the international transport of dangeous goods by rail.
- · IMDG: International Maritime code for Dangerous Goods.
- · IATA: International Air Transport Association.
- · ICAO: International Civil Aviation Organization.

SAFETY DATA SHEET REGULATIONS:

Safety Data Sheet in accordance with Article 31 of Regulation (EC) No. 1907/2006 (REACH) and Annex of Regulation (EU) No. 2015/830.

HISTORIC: Revision: 07/07/2021
Version: 4 08/10/2021

Changes since previous Safety Data Sheet:

Legislative, contextual, numerical, methodological and normative changes since the previous version of the present Safety Data Sheet are identified by a red-italic hash (#).

DISCLAIMER

The information contained in this sheet comes from reliable sources. It has been drawn up based on our knowledge at the time of the most recent update, as indicated. This information is intended as an aid to the user and should not be considered as a guarantee.

Conditions or methods of handling, storage, use or disposal of the product are outside our control, and we may not be held responsible for any loss, damage or expenses incurred as a result of, or in connection with, the latter.

All substances or mixtures can present unknown dangers and must be used with caution. We cannot guarantee that all dangers have been set out in an exhaustive manner.

This sheet has been drawn up for, and must be used for, this product only. If the product is used as a component in another product, the information given with it may not be applicable.

This sheet does not under any circumstances exempt the user from complying with all laws, regulations and administrative requirements related to the product, health and safety, and the protection of human health and the environment.

The information of this Safety Data Sheet, is based on the present state of knowledge and on current UE and national laws, as the users' working conditions are beyond our knowledge and control. The product is not to be used for other purposes than those specified, without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this Safety Data Sheet is meant as a description of the safety requirements of the product and it is not to be considered as a guarantee of the product's properties.