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Safety Data Sheet

According to Annex II to REACH - Regulation 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

Code: 159879-100864

Product name HYDROGUARD HB MIO Grigio Violaceo

1.2. Relevant identified uses of the substance or mixture and uses advised against Intended use Component "A" for two components water based paint.

1.3. Details of the supplier of the safety data sheet

Ti.Pi.Ci. S.a.s. Full address Via Val Lerone, 21 District and Country 16011 Arenzano (GE)

Italy

Tel. +39 010 9111368 Fax +39 010 9134188

e-mail address of the competent person

responsible for the Safety Data Sheet laboris@tipici.net

1.4. Emergency telephone number

Centro Antiveleni di Bergamo +39800883300 (Azienda Ospedaliera Papa Giovanni XXII -For urgent inquiries refer to

Centro Antiveleni di Firenze +39055/7947819 (CAV Ospedale Careggi - Firenze) Centro Antiveleni di Foggia +39800183459 (Az. Osp. Univ. Foggia - Foggia) Centro Antiveleni di Milano +3902/66101029 (CAO Ospedale Niguarda Cà Granda -

Milano)

Centro Antiveleni di Napoli +39081/5453333 (CAV Ospedale Cardarelli - Napoli) Centro Antiveleni di Pavia +390382/24444 (CAV IRCCS Fondazione Maugeri - Pavia) Centro Antiveleni di Roma +3906/3054343 (CAV Policlinico Gemelli - Roma) Centro Antiveleni di Roma +3906/49978000 (CAV Policlinico Umberto I - Roma) Centro Antiveleni di Roma +3906/68593726 (CAV Osp. Pediatrico Bambino Gesù -

Centro Antiveleni di Verona +39800011858 (Azienda Ospedaliera Integrata - Verona)

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:

Eye irritation, category 2 H319 Causes serious eye irritation. Skin irritation, category 2 H315 Causes skin irritation. Skin sensitization, category 1 H317 May cause an allergic skin reaction.

Hazardous to the aquatic environment, chronic toxicity, H412 Harmful to aquatic life with long lasting effects.

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category 3

2.2. Label elements

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

Hazard pictograms:



Signal words: Warning

Hazard statements:

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P280 Wear protective gloves / eye protection / face protection.
P261 Avoid breathing dust / fume / gas / mist / vapours / spray.
P333+P313 If skin irritation or rash occurs: Get medical advice / attention.
P337+P313 If eye irritation persists: Get medical advice / attention.
P264 Wash with fresh water thoroughly after handling.

P362+P364 Take off contaminated clothing and wash it before reuse.

Contains: Oxiran, mono[(C12-14-alkyloxy)methyl] derivs.

REACTION PRODUCT: BISPHENOL A-(EPICHLORHYDRIN)
REACTION PRODUCT: BISPHENOL F-(EPICHLORHYDRIN)

Phenol, methylstyrenated

VOC (Directive 2004/42/EC):

Two - pack performance coatings.

VOC given in g/litre of product in a ready-to-use condition : 56,86 Limit value: 140,00

- Catalysed with: 50,00 % CAT. per HYDROGUARD HB MIO

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

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3.2. Mixtures

Contains:

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

REACTION PRODUCT:

BISPHENOL A-(EPICHLORHYDRIN)

INDEX 603-074-00-8 16 ≤ x < 17 Eye Irrit. 2 H319, Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Chronic 2

H411

EC 500-033-5 Skin Irrit. 2 H315: ≥ 5%, Eye Irrit. 2 H319: ≥ 5%

CAS 25068-38-6

REACTION PRODUCT:

BISPHENOL F-(EPICHLORHYDRIN)

INDEX 7 ≤ x < 8 Eye Irrit. 2 H319, Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Chronic 2

H411

EC -

CAS 28064-14-4

Diisopropylnaphthalene isomers

INDEX - $5 \le x < 6$ Aquatic Chronic 4 H413

EC 254-052-6
CAS 38640-62-9
Oviran monol(C1)

Oxiran, mono[(C12-14-alkyloxy)methyl] derivs. INDEX 603-103-00-4

EC 271-846-8 CAS 68609-97-2

2-METHOXY-1-METHYLETHYL

ACETATE

INDEX 607-195-00-7 $3.5 \le x < 4$ Flam. Liq. 3 H226

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

REACH Reg. 01-2119475791-29

Phenol, methylstyrenated

INDEX $3 \le x < 3.5$ Skin Irrit. 2 H315, Skin Sens. 1B H317, Aquatic Chronic 3 H412

EC -

CAS 68512-30-1

QUARTZ

INDEX - $2 \le x < 2,5$ STOT RE 2 H373

EC 238-878-4 CAS 14808-60-7

[3-(2,3-EPOXYPROPOXY)
PROPYL] TRIMETHOXYSILANE

INDEX - 1,5 ≤ x < 2 Eye Dam. 1 H318, Aquatic Chronic 3 H412

EC 219-784-2 CAS 2530-83-8

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

SECTION 4. First aid measures

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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. 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

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

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 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

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.

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

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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

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. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

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.

7.3. Specific end use(s)

Information not available

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Regulatory References:

DEU Deutschland Technischen Regeln für Gefahrstoffe (TRGS 900) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte.

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

Arbeitsstoffe, Mitteilung 56

ESP España Límites de exposición profesional para agentes químicos en España 2021

FRA France Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS

ITA Italia Decreto Legislativo 9 Aprile 2008, n.81
GBR United Kingdom EH40/2005 Workplace exposure limits (Fourth Edition 2020)

U 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 202

2-METHOXY-1-METHYLETHYL ACETATE

Туре	Country	Country TWA/8h		STEL/15min		Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
AGW	DEU	270	50	270	50	
MAK	DEU	270	50	270	50	
VLA	ESP	275	50	550	100	SKIN
VLEP	FRA	275	50	550	100	SKIN
VLEP	ITA	275	50	550	100	SKIN
WEL	GBR	274	50	548	100	SKIN

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OEL EU 275 50 550 100 SKIN

Phenol, methylstyrenated			
Predicted no-effect concentration - PNEC			
Normal value in fresh water	0,014	mg/l	
Normal value in marine water	0,0014	mg/l	
Normal value for fresh water sediment	1064	mg/kg/d	
Normal value for marine water sediment	106	mg/kg/d	
Normal value for water, intermittent release	0,14	mg/l	
Normal value of STP microorganisms	2,4	mg/l	
Normal value for the terrestrial compartment	212	ma/ka/d	

Health - Derived no-et	ffect level - DNEL / [OMEL						
	Effects on				Effects on			
	consumers				workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral				0,2 mg/kg bw/d				
Inhalation				0,35 mg/m3				1,4 mg/kg
Skin				1,7 mg/kg bw/d				3,5 mg/kg

QUARTZ Threshold Limit Val	ue					
Туре	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
VLA	ESP		0,05			RESP
VLEP	FRA	0,1				RESP
VLEP	ITA	0,1				RESP
OEL	EU	0,1				RESP
TLV-ACGIH		0,025				RESP

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.

Provide an emergency shower with face and eye wash station.

HAND PROTECTION

Protect hands with category III work gloves (see standard EN 374).

The following should be considered when choosing work glove material: 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

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and type of use.

SKIN PROTECTION

Wear category II 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.

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, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (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	purplish grey	
Odour	solvent	
Melting point / freezing point	not available	
Initial boiling point	not available	
Flammability	not available	
Lower explosive limit	not available	
Upper explosive limit	not available	
Flash point	> 80 °C	
Auto-ignition temperature	not available	
Decomposition temperature	not available	
рН	not available	
Kinematic viscosity	not available	
Solubility	insoluble in water	
Partition coefficient: n-octanol/water	not available	
Vapour pressure	not available	
Density and/or relative density	1,812 (+-) 0,050	
Relative vapour density	not available	
Particle characteristics	not applicable	

9.2. Other information

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9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

VOC (Directive 2004/42/EC): 5,81 % - 105,23 g/litre
VOC (volatile carbon) 2,20 % - 39,79 g/litre

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.

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

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.

2-METHOXY-1-METHYLETHYL ACETATE

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

10.4. Conditions to avoid

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

10.5. Incompatible materials

2-METHOXY-1-METHYLETHYL ACETATE

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

10.6. Hazardous decomposition products

Information not available

SECTION 11. Toxicological information

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In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

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

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

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

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).

Interactive effects

Information not available

ACUTE TOXICITY

ATE (Inhalation) of the mixture:

ATE (Oral) of the mixture:

Not classified (no significant component)

Not classified (no significant component)

ATE (Dermal) of the mixture:

Not classified (no significant component)

2-METHOXY-1-METHYLETHYL ACETATE

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

Phenol, methylstyrenated

 LD50 (Dermal):
 > 2000 mg/kg ratto

 LD50 (Oral):
 > 2000 mg/kg ratto

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LD50 (Dermal): LD50 (Oral):

LC50 (Inhalation vapours):

4250 mg/kg Rabbit - New Zeland white 8025 mg/kg Rat - Wistar > 5,3 mg/l/4h Rat - Fischer 344

SKIN CORROSION / IRRITATION

Causes skin irritation

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye irritation

RESPIRATORY OR SKIN SENSITISATION

Sensitising for the skin

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

STOT - REPEATED EXPOSURE

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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.

SECTION 12. Ecological information

This product is dangerous for the environment and the aquatic organisms. In the long term, it have negative effects on aquatic environment. **12.1. Toxicity**

[3-(2,3-EPOXYPROPOXY) PROPYL]

TRIMETHOXYSILANE

LC50 - for Fish 55 mg/l/96h Cyprinus carpio
EC50 - for Crustacea 324 mg/l/48h Simocephalus vetulus

12.2. Persistence and degradability

2-METHOXY-1-METHYLETHYL ACETATE

Solubility in water > 10000 mg/l

Rapidly degradable

[3-(2,3-EPOXYPROPOXY) PROPYL]

TRIMETHOXYSILANE NOT rapidly degradable

REACTION PRODUCT: BISPHENOL A-

(EPICHLORHYDRIN)

Solubility in water 0,1 - 100 mg/l

NOT rapidly degradable

12.3. Bioaccumulative potential

2-METHOXY-1-METHYLETHYL ACETATE

Partition coefficient: n-octanol/water 1,2

[3-(2,3-EPOXYPROPOXY) PROPYL]

TRIMETHOXYSILANE

Partition coefficient: n-octanol/water -2,6

REACTION PRODUCT: BISPHENOL A-

(EPICHLORHYDRIN)

Partition coefficient: n-octanol/water > 2,918
BCF 31

12.4. Mobility in soil

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2,65

REACTION PRODUCT: BISPHENOL A-

(EPICHLORHYDRIN)

Partition coefficient: soil/water

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

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.

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 curren	t provisions of the	Code of International	Carriage of Dangerous	Goods by Road (ADR)	and by Rail (RID), of
the International Maritime Dangerous Good	s Code (IMDG), ar	nd of the International A	ir Transport Association	ı (IATA) regulations.	

and international martine burgerous cools could (imbo), and of the international fill transport foscillation (in this figure is	
14.1. UN number or ID number	
not applicable	
14.2. UN proper shipping name	

14.3. Transport hazard class(es)

not applicable

not applicable

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14.4. Packing group	
not applicable	
14.5. Environmental hazards	
not applicable	
14.6. Special precautions for user	
not applicable	
14.7. Maritime transport in bulk according to IMO instruments	
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: None	
Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006	
Point 3 - 40	
Contained substance	
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	

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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):

Two - 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. 3 Flammable liquid, category 3

STOT RE 2 Specific target organ toxicity - repeated exposure, category 2

Eye Dam. 1 Serious eye damage, category 1

Eye Irrit. 2 Eye irritation, category 2
Skin Irrit. 2 Skin irritation, category 2
Skin Sens. 1 Skin sensitization, category 1
Skin Sens. 1B Skin sensitization, category 1B

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

Aquatic Chronic 3 Hazardous to the aquatic environment, chronic toxicity, category 3

Aquatic Chronic 4 Hazardous to the aquatic environment, chronic toxicity, category 4

H226 Flammable liquid and vapour.

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

H318 Causes serious eye damage.
H319 Causes serious eye irritation.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.
 H411 Toxic to aquatic life with long lasting effects.
 H412 Harmful to aquatic life with long lasting effects.
 H413 May cause long lasting harmful effects to aquatic life.

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I FGFND:

- 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).

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Revision nr. 11 Ti.Pi.Ci. S.a.s. Dated 21/11/2022 Printed on 21/11/2022 159879-100864 - HYDROGUARD HB MIO Grigio Violaceo Page n. 16/16 Replaced revision:10 (Dated: 04/07/2022)

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