

## Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Issue date: 11.02.2014 Revision date: 07.01.2021 Supersedes version of: 15.12.2015 Version: 2.0

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

#### 1.1. Product identifier

Product form : Mixture

: Hippo Rapid Mitre Bond - Glue Product name

Product code : H18760 Type of product : Adhesives

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

#### 1.2.1. Relevant identified uses

Intended for general public

#### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

Tembe DIY Products Ltd Unit 1 & 2 Delta Court Sky Business Park Doncaster DN9 3GN

T 01302 770234

sales@tembediy.com - www.tembediy.com

#### 1.4. Emergency telephone number

: +90 2127711371 (9:00 am - 17:00 pm GMT+2) Emergency number

Country	Organisation/Company	Address	Emergency number	Comment
	,	Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle	0344 892 0111	

#### **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

## Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2 H315 Serious eye damage/eye irritation, Category 2 H319 Specific target organ toxicity - Single exposure, Category 3, H335

Respiratory tract irritation

Full text of H statements : see section 16

#### Adverse physicochemical, human health and environmental effects

May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.

#### 2.2. Label elements

## Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS07

Signal word (CLP) : Warning

Hazardous ingredients : Ethyl 2-cyanoacrylate

: H315 - Causes skin irritation. Hazard statements (CLP)

H319 - Causes serious eye irritation. H335 - May cause respiratory irritation.



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Precautionary statements (CLP) : P102 - Keep out of reach of children.

P261 - Avoid breathing gas, mist, vapours.

P280 - Wear protective gloves, protective clothing, eye protection, face protection.

P302+P352 - IF ON SKIN: Wash with plenty of water.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing. P312 - Call doctor, a POISON CENTER if you feel unwell

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

P501 - Dispose of contents and container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation.

**EUH-statements** EUH202 - Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach

of children

EUH208 - Contains 1,4-dihydroxybenzene; hydroquinone; quinol(123-31-9). May produce

an allergic reaction.

Child-resistant fastening : Not applicable Tactile warning : Not applicable

#### 2.3. Other hazards

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

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

#### 3.1. Substances

Not applicable

## 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
ethyl 2-cyanoacrylate	(CAS-No.) 7085-85-0 (EC-No.) 230-391-5 (EC Index-No.) 607-236-00-9	80 - 90	Eye Irrit. 2, H319 STOT SE 3, H335 Skin Irrit. 2, H315
1,4-dihydroxybenzene; hydroquinone; quinol	(CAS-No.) 123-31-9 (EC-No.) 204-617-8 (EC Index-No.) 604-005-00-4	0 - 0.5	Carc. 2, H351 Muta. 2, H341 Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=10)

Specific concentration limits:		
Name	Product identifier	Specific concentration limits
ethyl 2-cyanoacrylate	(CAS-No.) 7085-85-0 (EC-No.) 230-391-5 (EC Index-No.) 607-236-00-9	( 10 ≤C ≤ 100) STOT SE 3, H335

Full text of H-statements: see section 16

## **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

First-aid measures general : Call a poison center or a doctor if you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a

doctor if you feel unwell.

: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get First-aid measures after skin contact

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.



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First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after inhalation : May cause respiratory irritation.

Symptoms/effects after skin contact : Irritation.
Symptoms/effects after eye contact : Eye irritation.

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

Treat symptomatically.

#### **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

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

Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained

breathing apparatus. Complete protective clothing.

#### **SECTION 6: Accidental release measures**

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

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact

with skin and eyes.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment

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

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

## **SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

Precautions for safe handling : Use only outdoors or in a well-ventilated area. Avoid breathing

dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Wear personal

protective equipment.

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this

product. Always wash hands after handling the product.

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

Storage conditions : Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

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

No additional information available

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

#### 8.1. Control parameters

ethyl 2-cyanoacrylate (7085-85-0)		
Austria - Occupational Exposure Limits		
Local name	Cyanacrylsäureethylester	
MAK (OEL TWA)	9 mg/m³	



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ethyl 2-cyanoacrylate (7085-85-0)	
MAK (OEL TWA) [ppm]	2 ppm
Regulatory reference	BGBI. II Nr. 238/2018
Belgium - Occupational Exposure Limits	
Local name	2-Cyanoacrylate d'éthyle # Ethyl-2-cyaanacrylaat
OEL TWA	1.04 mg/m³
OEL TWA [ppm]	0.2 ppm
Regulatory reference	Koninklijk besluit/Arrêté royal 21/01/2020
Croatia - Occupational Exposure Limits	
Local name	Etil-cijanoakrilat
KGVI (OEL STEL)	1.5 mg/m³
KGVI (OEL STEL) [ppm]	0.3 ppm
Naznake (HR)	Koža (razvrstana kao tvar koja nadražuje kožu (H315))
Regulatory reference	Pravilnik o izmjenama i dopunama Pravilnika o graničnim vrijednostima izloženosti opasnim tvarima pri radu i o biološkim graničnim vrijednostima (NN 91/2018)
Czech Republic - Occupational Exposure Limits	
Local name	Ethyl-2-kyanakrylát (Ethyl-2-kyanprop-2-enoát)
PEL (OEL TWA)	1 mg/m³
PEL (OEL TWA) [ppm]	0.2 ppm
NPK-P (OEL C)	2 mg/m³
NPK-P (OEL C) [ppm]	0.4 ppm
Remark (CZ)	I (dráždí sliznice (oči, dýchací cesty) resp. kůži)
Regulatory reference	Nařízení vlády č. 361/2007 Sb. (zapracovány změny č. 246/2018 Sb.)
Denmark - Occupational Exposure Limits	
Local name	Ethylcyanoacrylat
OEL TWA [1]	10 mg/m³
OEL TWA [2]	2 ppm
Regulatory reference	BEK nr 1458 af 13/12/2019
Estonia - Occupational Exposure Limits	
Local name	Etüültsüanoakrülaat
OEL TWA	10 mg/m³
OEL TWA [ppm]	2 ppm
OEL STEL	20 mg/m³
OEL STEL [ppm]	4 ppm
Regulatory reference	Vabariigi Valitsuse 20. märtsi 2001. a määruse nr 105 (RT I, 17.10.2019, 2); Vabariigi Valitsuse 10. märtsi 2019. a määruse nr 84
Finland - Occupational Exposure Limits	
Local name	Etyyli-2-syanoakrylaatti
HTP (OEL TWA) [1]	
TITT (OLL TWA)[I]	1 mg/m³
HTP (OEL TWA) [2]	1 mg/m³  0.2 ppm



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Ireland - Occupational Exposure Limits   Cyanoacrylate, Ethyl [Ethyl cyanoacrylate]	ethyl 2-cyanoacrylate (7085-85-0)		
Local name Cyanoacrylate, Ethyl [Ethyl cyanoacrylate] OEL YMA [2] 0.2 ppm OEL STEL [ppm] 1 ppm Regulatory reference Chemical Agents Code of Practice 2020  Lithuania - Occupational Exposure Limits Local name Eth-Z-ciankrilatas IPRV (OEL TWA) [ppm] 2 ppm IPRV (OEL TWA) [ppm] 2 ppm IPRV (OEL STEL) 20 mg/m² TPRV (OEL STEL) 4 ppm Regulatory reference LiETUVOS HIGIENOS NORMA HN 23:2011 (Nr. V-695/A1-272, 2018-06-12) Poland - Occupational Exposure Limits Local name 2-Cylanoakrylan etylu NDS (OEL TWA) 1 mg/m² NDS (DEL TWA) 1 mg/m² NDS (DEL TWA) 2 mg/m² Regulatory reference Dz. U. 2018 poz. 1286 Portugal - Occupational Exposure Limits Local name Cianoacrilato de etilo OEL TWA [ppm] 0.2 ppm Regulatory reference Norma Portuguesa NP 1796.2014 Spain - Occupational Exposure Limits Local name Cianoacrilato de etilo VLA-ED (OEL TWA) [2] 0.2 ppm Regulatory reference Norma Portuguesa NP 1796.2014 Spain - Occupational Exposure Limits Local name Cianoacrilato de etilo VLA-ED (OEL TWA) [2] 0.2 ppm Regulatory reference Limits de Exposición Profesional para Agentes Químicos en España 2019. INSHT Sweden - Occupational Exposure Limits Local name Etyl-2-cyanoakrylat NGV (OEL TWA) [pm] 2 ppm Regulatory reference Limits de Exposición Profesional para Agentes Químicos en España 2019. INSHT Sweden - Occupational Exposure Limits Local name Etyl-2-cyanoakrylat NGV (OEL TWA) [pm] 2 ppm Regulatory reference Limits de Exposición Profesional para Agentes Químicos en España 2019. INSHT Sweden - Occupational Exposure Limits Local name Etyl-2-cyanoakrylat NGV (OEL STEL) [pm] 4 ppm Regulatory reference Hygieniska grānsvárden (AFS 2018.1) United Kingdom - Occupational Exposure Limits Local name Ethyl cyanoacrylate WEL STEL (OEL STEL) [pm] 8 ppm Regulatory reference EtH40/2005 (Fourth edition, 2020). HSE	Ireland - Occupational Exposure Limits		
DEL STEL [ppm]   1 ppm	Local name	Cyanoacrylate, Ethyl [Ethyl cyanoacrylate]	
Regulatory reference   Chemical Agents Code of Practice 2020   Lithuania - Occupational Exposure Limits   Local name   E8l-2-ciankrilatas   IPRV (OEL TWA)   10 mg/m²   IPRV (OEL TWA)   10 mg/m²   IPRV (OEL STEL)   20 mg/m³   TPRV (OEL TWA)   20 mg/m³   TPRV (OEL STEL)   20 mg/m³   TPR	OEL TWA [2]	0.2 ppm	
Lithuania - Occupational Exposure Limits  Local name   Eil-2-ciankrilatas   IPRV (OEL TWA)   10 mg/m²   IPRV (OEL TWA)   10 mg/m²   IPRV (OEL STEL)   20 mg/m²   IPRV (OEL TWA)   10 mg/m²   IPRV (OEL STEL)   20 mg/m²   IPRV (OEL TWA)   20 mg/m²   IPRV (OEL STEL)   20 mg/m²   IPRV (OEL S	OEL STEL [ppm]	1 ppm	
Lithuania - Occupational Exposure Limits  Local name   Eil-2-ciankrilatas   IPRV (OEL TWA)   10 mg/m²   IPRV (OEL TWA)   10 mg/m²   IPRV (OEL STEL)   20 mg/m²   IPRV (OEL TWA)   10 mg/m²   IPRV (OEL STEL)   20 mg/m²   IPRV (OEL TWA)   20 mg/m²   IPRV (OEL STEL)   20 mg/m²   IPRV (OEL S	Regulatory reference		
IPRV (OEL TWA)   10 mg/m³   2 ppm   2 ppm   7	Lithuania - Occupational Exposure Limits		
IPRY (OEL TWA) [ppm]   2 ppm	Local name	Etil-2-ciankrilatas	
TPRV (OEL STEL)   20 mg/m³	IPRV (OEL TWA)	10 mg/m³	
Prevaluatory reference	IPRV (OEL TWA) [ppm]	2 ppm	
Regulatory reference LIETUVOS HIGIENOS NORMA HN 23:2011 (Nr. V-695/A1-272, 2018-06-12)  Poland - Occupational Exposure Limits  Local name 2-Cyjanoakrylan etylu  NDS (DEL TWA) 1 mg/m³  NDSCh (DEL STEL) 2 mg/m³  Portugal - Occupational Exposure Limits  Local name Cianoacrilato de etilo  OEL TWA [ppm] 0.2 ppm  Regulatory reference Norma Portuguesa NP 1796:2014  Spain - Occupational Exposure Limits  Local name Cianoacrilato de etilo  VLA-ED (DEL TWA) [2] 0.2 ppm  Regulatory reference Supposure Limits  Local name Cianoacrilato de etilo  VLA-ED (OEL TWA) [2] 0.2 ppm  Regulatory reference Limits de Exposición Profesional para Agentes Químicos en España 2019. INSHT  Sweden - Occupational Exposure Limits  Local name Etyl-2-cyanoakrylat  NGV (DEL TWA) [10 mg/m³  NGV (DEL TWA) [10 mg/m³  NGV (OEL TWA) [10 mg/m³  RYV (OEL STEL) [ppm] 2 ppm  KTV (OEL STEL) [ppm] 4 ppm  Regulatory reference Hygieniska gränsvärden (AFS 2018:1)  United Kingdom - Occupational Exposure Limits  Local name Etyl-2 cyanoakrylate  WEL STEL (DEL STEL) [ppm] 0.3 ppm  Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  Iceland - Occupational Exposure Limits	TPRV (OEL STEL)	20 mg/m³	
Poland - Occupational Exposure Limits  Local name  2-Cyjanoakrylan etylu  NDS (OEL TWA)  1 mg/m³  NDSCN (OEL STEL) 2 mg/m³  Regulatory reference Dz. U. 2018 poz. 1286  Portugal - Occupational Exposure Limits  Local name  Cianoacrilato de etilo  OEL TWA [ppm] 0.2 ppm  Regulatory reference Norma Portuguesa NP 1796:2014  Spain - Occupational Exposure Limits  Local name Cianoacrilato de etilo  VLA-ED (OEL TWA) [2] 0.2 ppm  Regulatory reference Limites de Exposición Profesional para Agentes Químicos en España 2019. INSHT  Sweden - Occupational Exposure Limits  Local name Etyl-2-cyanoakrylat  NGV (OEL TWA) 10 mg/m³  NGV (OEL TWA) [ppm] 2 ppm  KTV (OEL STEL) 20 mg/m³  KTV (OEL STEL) 4 ppm  Regulatory reference Hygieniska gränsvärden (AFS 2018:1)  United Kingdom - Occupational Exposure Limits  Local name Ethyl cyanoacrylate  WEL STEL (OEL STEL) 1.5 mg/m³  Regulatory reference Ethyl cyanoacrylate  WEL STEL (OEL STEL) 1.5 mg/m³  Regulatory reference Ethyl cyanoacrylate  WEL STEL (OEL STEL) [ppm] Regulatory reference Ethyl cyanoacrylate  WEL STEL (OEL STEL) [ppm] Regulatory reference Ethyl cyanoacrylate  WEL STEL (OEL STEL) [ppm] Regulatory reference EH40/2005 (Fourth edition, 2020). HSE	TPRV (OEL STEL) [ppm]	4 ppm	
Local name 2-Cyjanoakrylan etylu  NDS (OEL TWA) 1 mg/m²  NDSCh (OEL STEL) 2 mg/m³  Regulatory reference Dz. U. 2018 poz. 1286  Portugal - Occupational Exposure Limits  Local name Cianoacrilato de etilo  OEL TWA [ppm] 0.2 ppm  Regulatory reference Norma Portuguesa NP 1796:2014  Spain - Occupational Exposure Limits  Local name Cianoacrilato de etilo  VLA-ED (OEL TWA) [2] 0.2 ppm  Regulatory reference Limits de Exposición Profesional para Agentes Químicos en España 2019. INSHT  Sweden - Occupational Exposure Limits  Local name Etyl-2-cyanoakrylat  NGV (OEL TWA) [2] 0.2 ppm  Regulatory reference Limits  Local name Etyl-2-cyanoakrylat  NGV (OEL TWA) [2] 0.2 mg/m²  NGV (OEL TWA) [2] 0.2 mg/m²  KTV (OEL STEL) 20 mg/m²  KTV (OEL STEL) 4 ppm  Regulatory reference Hygieniska gränsvärden (AFS 2018:1)  United Kingdom - Occupational Exposure Limits  Local name Etyl-2 cyanoacrylate  Well STEL (OEL STEL) [20 mg/m²  NGV (20 mg/m²  4 ppm  Regulatory reference Hygieniska gränsvärden (AFS 2018:1)  United Kingdom - Occupational Exposure Limits  Local name Ethyl cyanoacrylate  Well STEL (OEL STEL) [20 mg/m²  Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  Iceland - Occupational Exposure Limits	Regulatory reference	LIETUVOS HIGIENOS NORMA HN 23:2011 (Nr. V-695/A1-272, 2018-06-12)	
NDS (OEL TWA)   1 mg/m³	Poland - Occupational Exposure Limits		
NDSCh (OEL STEL)         2 mg/m³           Regulatory reference         Dz. U. 2018 poz. 1286           Portugal - Occupational Exposure Limits           Local name         Cianoacrilato de etilo           OEL TWA [ppm]         0.2 ppm           Regulatory reference         Norma Portuguesa NP 1796:2014           Spain - Occupational Exposure Limits           Local name         Cianoacrilato de etilo           VLA-ED (OEL TWA) [2]         0.2 ppm           Regulatory reference         Limites de Exposición Profesional para Agentes Químicos en España 2019. INSHT           Sweden - Occupational Exposure Limits           Local name         Etyl-2-cyanoakrylat           NGV (OEL TWA)         10 mg/m²           NGV (OEL TWA) [ppm]         2 ppm           KTV (OEL STEL)         20 mg/m²           KTV (OEL STEL) [ppm]         4 ppm           Regulatory reference         Hygieniska gränsvärden (AFS 2018:1)           United Kingdom - Occupational Exposure Limits           Local name         Ethyl cyanoacrylate           WEL STEL (OEL STEL)         1.5 mg/m²           WEL STEL (OEL STEL) [ppm]         0.3 ppm           Regulatory reference         EH40/2005 (Fourth edition, 2020). HSE           Iceland - Occupational Exposure Limits     <	Local name	2-Cyjanoakrylan etylu	
Regulatory reference Dz. U. 2018 poz. 1286  Portugal - Occupational Exposure Limits  Local name Cianoacrilato de etilo  OEL TWA [ppm] 0.2 ppm  Regulatory reference Norma Portuguesa NP 1796:2014  Spain - Occupational Exposure Limits  Local name Cianoacrilato de etilo  VLA-ED (OEL TWA) [2] 0.2 ppm  Regulatory reference Limits de Exposición Profesional para Agentes Químicos en España 2019. INSHT  Sweden - Occupational Exposure Limits  Local name Etyl-2-cyanoakrylat  NGV (OEL TWA) [10] 10 mg/m²  NGV (OEL TWA) [20] 20 ppm  KTV (OEL STEL) 20 mg/m²  KTV (OEL STEL) [20] 20 mg/m²  Regulatory reference Hygieniska grânsvărden (AFS 2018:1)  United Kingdom - Occupational Exposure Limits  Local name Ethyl cyanoacrylate  WEL STEL (OEL STEL) [20] 1.5 mg/m²  WEL STEL (OEL STEL) [20] 0.3 ppm  Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  Iceland - Occupational Exposure Limits	NDS (OEL TWA)	1 mg/m³	
Portugal - Occupational Exposure Limits  Local name Cianoacrilato de etilo  OEL TWA [ppm] 0.2 ppm  Regulatory reference Norma Portuguesa NP 1796:2014  Spain - Occupational Exposure Limits  Local name Cianoacrilato de etilo  VLA-ED (OEL TWA) [2] 0.2 ppm  Regulatory reference Limits de Exposición Profesional para Agentes Químicos en España 2019. INSHT  Sweden - Occupational Exposure Limits  Local name Etyl-2-cyanoakrylat  NGV (OEL TWA) [2] 10 mg/m²  NGV (OEL TWA) [2] 20 mg/m³  KTV (OEL STEL) 20 mg/m³  KTV (OEL STEL) [ppm] 4 ppm  Regulatory reference Hygieniska gränsvärden (AFS 2018:1)  United Kingdom - Occupational Exposure Limits  Local name Ethyl cyanoacrylate  WEL STEL (OEL STEL) [ppm] 0.3 ppm  Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  Iceland - Occupational Exposure Limits	NDSCh (OEL STEL)	2 mg/m³	
Cianoacrilato de etilo  OEL TWA [ppm] 0.2 ppm  Regulatory reference Norma Portuguesa NP 1796:2014  Spain - Occupational Exposure Limits  Local name Cianoacrilato de etilo  VLA-ED (OEL TWA) [2] 0.2 ppm  Regulatory reference Limites de Exposición Profesional para Agentes Químicos en España 2019. INSHT  Sweden - Occupational Exposure Limits  Local name Etyl-2-cyanoakrylat  NGV (OEL TWA) [ppm] 10 mg/m³  SPATE (OEL TWA) [ppm] 2 ppm  KTV (OEL STEL) 20 mg/m³  KTV (OEL STEL) [ppm] 4 ppm  Regulatory reference Hygieniska gränsvärden (AFS 2018:1)  United Kingdom - Occupational Exposure Limits  Local name Ethyl cyanoacrylate  WEL STEL (OEL STEL) [ppm] 0.3 ppm  Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  Lieland - Occupational Exposure Limits	Regulatory reference	Dz. U. 2018 poz. 1286	
Regulatory reference Norma Portuguesa NP 1796:2014  Spain - Occupational Exposure Limits  Local name Cianoacrilato de etilo  VLA-ED (OEL TWA) [2] 0.2 ppm  Regulatory reference Limites de Exposición Profesional para Agentes Químicos en España 2019. INSHT  Sweden - Occupational Exposure Limits  Local name Etyl-2-cyanoakrylat  NGV (OEL TWA) 10 mg/m³  NGV (OEL TWA) [ppm] 2 ppm  KTV (OEL STEL) 20 mg/m³  KTV (OEL STEL) [ppm] 4 ppm  Regulatory reference Hygieniska gränsvärden (AFS 2018:1)  United Kingdom - Occupational Exposure Limits  Local name Ethyl cyanoacrylate  WEL STEL (OEL STEL) [ppm] 0.3 ppm  Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  Licalan - Occupational Exposure Limits	Portugal - Occupational Exposure Limits		
Regulatory reference Norma Portuguesa NP 1796:2014  Spain - Occupational Exposure Limits  Local name Cianoacrilato de etilo  VLA-ED (OEL TWA) [2] 0.2 ppm  Regulatory reference Limits de Exposición Profesional para Agentes Químicos en España 2019. INSHT  Sweden - Occupational Exposure Limits  Local name Etyl-2-cyanoakrylat  NGV (OEL TWA) 10 mg/m³  NGV (OEL TWA) 10 mg/m³  KTV (OEL STEL) 20 mg/m³  KTV (OEL STEL) 20 mg/m³  KTV (OEL STEL) [ppm] 4 ppm  Regulatory reference Hygieniska gränsvärden (AFS 2018:1)  United Kingdom - Occupational Exposure Limits  Local name Ethyl cyanoacrylate  WEL STEL (OEL STEL) [ppm] 0.3 ppm  Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  Local name EH40/2005 (Fourth edition, 2020). HSE	Local name	Cianoacrilato de etilo	
Spain - Occupational Exposure Limits  Local name  Cianoacrilato de etilo  VLA-ED (OEL TWA) [2]  Regulatory reference  Limites de Exposición Profesional para Agentes Químicos en España 2019. INSHT  Sweden - Occupational Exposure Limits  Local name  Etyl-2-cyanoakrylat  NGV (OEL TWA)  10 mg/m³  NGV (OEL TWA) [ppm]  2 ppm  KTV (OEL STEL)  20 mg/m³  KTV (OEL STEL) [ppm]  4 ppm  Regulatory reference  Hygieniska gränsvärden (AFS 2018:1)  United Kingdom - Occupational Exposure Limits  Local name  Ethyl cyanoacrylate  WEL STEL (OEL STEL) [ppm]  0.3 ppm  Regulatory reference  EH40/2005 (Fourth edition, 2020). HSE  Iceland - Occupational Exposure Limits	OEL TWA [ppm]	0.2 ppm	
Cianoacrilato de etilo  VLA-ED (OEL TWA) [2]  Regulatory reference  Límites de Exposición Profesional para Agentes Químicos en España 2019. INSHT  Sweden - Occupational Exposure Limits  Local name  Etyl-2-cyanoakrylat  NGV (OEL TWA)  10 mg/m³  NGV (OEL TWA) [ppm]  2 ppm  KTV (OEL STEL)  20 mg/m³  KTV (OEL STEL) [ppm]  4 ppm  Regulatory reference  Hygieniska gränsvärden (AFS 2018:1)  United Kingdom - Occupational Exposure Limits  Local name  Ethyl cyanoacrylate  WEL STEL (OEL STEL)  1.5 mg/m³  WEL STEL (OEL STEL) [ppm]  Regulatory reference  EH40/2005 (Fourth edition, 2020). HSE  Iceland - Occupational Exposure Limits	Regulatory reference	Norma Portuguesa NP 1796:2014	
NLA-ED (OEL TWA) [2]  Regulatory reference  Limites de Exposición Profesional para Agentes Químicos en España 2019. INSHT  Sweden - Occupational Exposure Limits  Local name  Etyl-2-cyanoakrylat  10 mg/m³  NGV (OEL TWA)  10 mg/m³  NGV (OEL TWA) [ppm]  2 ppm  KTV (OEL STEL)  KTV (OEL STEL) [ppm]  4 ppm  Regulatory reference  Hygieniska gränsvärden (AFS 2018:1)  United Kingdom - Occupational Exposure Limits  Local name  Ethyl cyanoacrylate  WEL STEL (OEL STEL)  MEL STEL (OEL STEL)  WEL STEL (OEL STEL) [ppm]  Regulatory reference  EH40/2005 (Fourth edition, 2020). HSE  Iceland - Occupational Exposure Limits	Spain - Occupational Exposure Limits		
Regulatory reference  Límites de Exposición Profesional para Agentes Químicos en España 2019. INSHT  Sweden - Occupational Exposure Limits  Local name  Etyl-2-cyanoakrylat  10 mg/m³  NGV (OEL TWA)  NGV (OEL TWA) [ppm]  Z ppm  KTV (OEL STEL)  Z0 mg/m³  KTV (OEL STEL) [ppm]  4 ppm  Regulatory reference  Hygieniska gränsvärden (AFS 2018:1)  United Kingdom - Occupational Exposure Limits  Local name  Ethyl cyanoacrylate  WEL STEL (OEL STEL)  1.5 mg/m³  WEL STEL (OEL STEL) [ppm]  Regulatory reference  EH40/2005 (Fourth edition, 2020). HSE  Iceland - Occupational Exposure Limits	Local name	Cianoacrilato de etilo	
Sweden - Occupational Exposure Limits  Local name Etyl-2-cyanoakrylat  NGV (OEL TWA) 10 mg/m³  NGV (OEL TWA) [ppm] 2 ppm  KTV (OEL STEL) 20 mg/m³  KTV (OEL STEL) [ppm] 4 ppm  Regulatory reference Hygieniska gränsvärden (AFS 2018:1)  United Kingdom - Occupational Exposure Limits  Local name Ethyl cyanoacrylate  WEL STEL (OEL STEL) [ppm] 0.3 ppm  Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  Iceland - Occupational Exposure Limits	VLA-ED (OEL TWA) [2]	0.2 ppm	
Local name Etyl-2-cyanoakrylat  NGV (OEL TWA) 10 mg/m³  NGV (OEL TWA) [ppm] 2 ppm  KTV (OEL STEL) 20 mg/m³  KTV (OEL STEL) [ppm] 4 ppm  Regulatory reference Hygieniska gränsvärden (AFS 2018:1)  United Kingdom - Occupational Exposure Limits  Local name Ethyl cyanoacrylate  WEL STEL (OEL STEL) [ppm] 0.3 ppm  Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  Iceland - Occupational Exposure Limits	Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2019. INSHT	
NGV (OEL TWA) [ppm] 2 ppm  KTV (OEL STEL) 20 mg/m³  KTV (OEL STEL) [ppm] 4 ppm  Regulatory reference Hygieniska gränsvärden (AFS 2018:1)  United Kingdom - Occupational Exposure Limits  Local name Ethyl cyanoacrylate  WEL STEL (OEL STEL) [ppm] 0.3 ppm  Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  Iceland - Occupational Exposure Limits	Sweden - Occupational Exposure Limits		
NGV (OEL TWA) [ppm] 2 ppm  KTV (OEL STEL) 20 mg/m³  KTV (OEL STEL) [ppm] 4 ppm  Regulatory reference Hygieniska gränsvärden (AFS 2018:1)  United Kingdom - Occupational Exposure Limits  Local name Ethyl cyanoacrylate  WEL STEL (OEL STEL) 1.5 mg/m³  WEL STEL (OEL STEL) [ppm] 0.3 ppm  Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  Iceland - Occupational Exposure Limits	Local name	Etyl-2-cyanoakrylat	
KTV (OEL STEL) [ppm] 4 ppm  Regulatory reference Hygieniska gränsvärden (AFS 2018:1)  United Kingdom - Occupational Exposure Limits  Local name Ethyl cyanoacrylate  WEL STEL (OEL STEL) 1.5 mg/m³  WEL STEL (OEL STEL) [ppm] 0.3 ppm  Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  Iceland - Occupational Exposure Limits	NGV (OEL TWA)	10 mg/m³	
KTV (OEL STEL) [ppm] 4 ppm  Regulatory reference Hygieniska gränsvärden (AFS 2018:1)  United Kingdom - Occupational Exposure Limits  Local name Ethyl cyanoacrylate  WEL STEL (OEL STEL) 1.5 mg/m³  WEL STEL (OEL STEL) [ppm] 0.3 ppm  Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  Iceland - Occupational Exposure Limits	NGV (OEL TWA) [ppm]	2 ppm	
Regulatory reference Hygieniska gränsvärden (AFS 2018:1)  United Kingdom - Occupational Exposure Limits  Local name Ethyl cyanoacrylate  WEL STEL (OEL STEL) 1.5 mg/m³  WEL STEL (OEL STEL) [ppm] 0.3 ppm  Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  Iceland - Occupational Exposure Limits	KTV (OEL STEL)	20 mg/m³	
United Kingdom - Occupational Exposure Limits  Local name Ethyl cyanoacrylate  WEL STEL (OEL STEL) 1.5 mg/m³  WEL STEL (OEL STEL) [ppm] 0.3 ppm  Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  Iceland - Occupational Exposure Limits	KTV (OEL STEL) [ppm]	4 ppm	
Local name  Ethyl cyanoacrylate  WEL STEL (OEL STEL)  1.5 mg/m³  WEL STEL (OEL STEL) [ppm]  0.3 ppm  Regulatory reference  EH40/2005 (Fourth edition, 2020). HSE  Iceland - Occupational Exposure Limits	Regulatory reference	Hygieniska gränsvärden (AFS 2018:1)	
WEL STEL (OEL STEL)  1.5 mg/m³  WEL STEL (OEL STEL) [ppm]  0.3 ppm  Regulatory reference  EH40/2005 (Fourth edition, 2020). HSE  Iceland - Occupational Exposure Limits	United Kingdom - Occupational Exposure Limits		
WEL STEL (OEL STEL) [ppm] 0.3 ppm  Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  Iceland - Occupational Exposure Limits	Local name	Ethyl cyanoacrylate	
Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  Iceland - Occupational Exposure Limits	WEL STEL (OEL STEL)	1.5 mg/m³	
Iceland - Occupational Exposure Limits	WEL STEL (OEL STEL) [ppm]	0.3 ppm	
	Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	
Local name Etýlsýanóakrýlat	Iceland - Occupational Exposure Limits		
	Local name	Etýlsýanóakrýlat	



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ethyl 2-cyanoacrylate (7085-85-0)		
OEL TWA	10 mg/m³	
OEL TWA [ppm]	2 ppm	
Regulatory reference	Reglugerð um mengunarmörk og aðgerðir til að draga úr mengun á vinnustöðum (Nr. 390/2009)	
Switzerland - Occupational Exposure Limits		
Local name	2-Cyanoacrylate d'éthyle / Cyanacrylsäureethylester [Ethyl-2-cyanoacrylat]	
MAK (OEL TWA) [1]	9 mg/m³	
MAK (OEL TWA) [2]	2 ppm	
Critical toxicity	VRS, Peau / OAW, Haut	
Regulatory reference	www.suva.ch, 01.01.2020	
USA - ACGIH - Occupational Exposure Limits		
Local name	Ethyl cyanoacrylate	
ACGIH OEL TWA [ppm]	0.2 ppm	
ACGIH OEL STEL [ppm]	1 ppm	
Remark (ACGIH)	TLV® Basis: Eye & URT irr; asthma. Notations: DSEN; RSEN	
Regulatory reference	ACGIH 2020	

#### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand	protection	n:

Nitrile rubber gloves. EN 374.

## Eye protection:

Safety glasses. Chemical goggles or face shield. EN 166

#### Skin and body protection:

Wear suitable protective clothing

## Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

### Personal protective equipment symbol(s):







### Environmental exposure controls:

Avoid release to the environment.

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

## 9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Liquid.
Colour : Colourless.



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Odour : Strong.

Odour threshold : No data available рΗ : No data available Relative evaporation rate (butylacetate=1) : No data available Melting point : Not applicable : No data available Freezing point Boiling point : > 200 °C Flash point : 80 - 93.4 °C : 485 °C

: No data available Decomposition temperature Flammability (solid, gas) : Not applicable Vapour pressure : No data available Vapour pressure at 50 °C : < 0.2 mm Hg

Relative vapour density at 20 °C : ≈ 3

: No data available Relative density Density : 1.05 - 1.07 g/cm<sup>3</sup> Solubility : No data available Partition coefficient n-octanol/water (Log Pow) : No data available : No data available Viscosity, kinematic Viscosity, dynamic : 1200 - 1800 cP Explosive properties : No data available : No data available Oxidising properties : No data available **Explosive limits** 

9.2. Other information

Auto-ignition temperature

: < 2 % VOC content

## **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

## 10.5. Incompatible materials

No additional information available

## 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## **SECTION 11: Toxicological information**

#### 11.1. Information on toxicological effects

 Not classified Acute toxicity (oral) : Not classified Acute toxicity (dermal) Acute toxicity (inhalation) : Not classified

ethyl 2-cyanoacrylate (7085-85-0)	
	> 5000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
	> 2000 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)



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Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified

STOT-single exposure : May cause respiratory irritation.

STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

#### **SECTION 12: Ecological information**

#### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term

adverse effects in the environment.

Hazardous to the aquatic environment, short-term

(acute)

Hazardous to the aquatic environment, long-term : Not of

(chronic)

: Not classified

: Not classified

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

## 12.4. Mobility in soil

No additional information available

## 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Other adverse effects

No additional information available

## **SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

#### **SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA / ADN / RII

Not applicable	Not applicable	Not applicable	Not applicable
name			
Not applicable	Not applicable	Not applicable	Not applicable
iss(es)			
Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable
rds			
Not applicable	Not applicable	Not applicable	Not applicable
	Not applicable  Not applicable  Not applicable	Not applicable  Iss(es)  Not applicable  Not applicable	Not applicable  Not applicable



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## 14.6. Special precautions for user

**Overland transport** 

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

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

Not applicable

#### **SECTION 15: Regulatory information**

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content : < 2 %

## 15.1.2. National regulations

Germany

Regulatory reference : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1)
Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG)

Observe restrictions according Act on the Protection of Young People in Employment

(JArbSchG)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed SZW-lijst van mutagene stoffen : None of the components are listed NIET-limitatieve lijst van voor de voortplanting : None of the components are listed

giftige stoffen - Borstvoeding

NIET-limitatieve lijst van voor de voortplanting

giftige stoffen - Vruchtbaarheid

NIET-limitatieve lijst van voor de voortplanting

giftige stoffen - Ontwikkeling

: None of the components are listed

: None of the components are listed

Denmark

Class for fire hazard : Class III-1 Store unit : 50 liter

Classification remarks : Flammable according to the Danish Ministry of Justice; Emergency management

guidelines for the storage of flammable liquids must be followed



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Danish National Regulations : Young people below the age of 18 years are not allowed to use the product

The requirements from the Danish Working Environment Authorities regarding work with

carcinogens must be followed during use and disposal

Switzerland

Storage class (LK) : LK 1 - Explosives

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## **SECTION 16: Other information**

Abbreviations and acrony	yms:
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number



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N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Muta. 2	Germ cell mutagenicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.
H400	Very toxic to aquatic life.
EUH202	Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.
EUH208	Contains 1,4-dihydroxybenzene; hydroquinone; quinol(123-31-9). May produce an allergic reaction.

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