EC Gel

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Reference number: 01-005-408
Issue date: 31/07/2008 Revision date: 19/01/2023 Supersedes version of: 13/07/2021 Version: 9.2

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

1.1. Product identifier

Product form	:	Mixture
Product name	:	EC Gel
UFI	:	40M6-8SK2-830Q-9755
Product code	:	ECGel
Type of product	:	adhesives
Product group	:	Blend

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

1.2.1. Relevant identified uses

Use of the substance/mixture	:	Cyanoacrylate adhesive
Use of the substance/mixture	:	Adhesives, sealants
Function or use category	:	Adhesives, binding agents

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Cyanotec Ltd
Bay 2 building 62 third avenue
Kingswinford
Dudley West Midlands DY6 7XT
T +44(0)1384 294753
sales@cyanotec.com
www.cyanotec.com

1.4. Emergency telephone number

Emergency number	:	+44 (0)1384 294753 Office hours 0900-1700hrs MONDAY TO THURSDAY UK Only - IN CASE OF TOXIC OR TRANSPORT EMERGENCY: National Chemical Emergency Centre: Telephone 01865 407333

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, Respiratory tract irritation	H335

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :

GHS07

Signal word (CLP) : Warning

Contains : Ethyl 2-cyanoacrylate

Hazard statements (CLP) : H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.

Precautionary statements (CLP) : P261 - Avoid breathing fume, vapours.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 - IF ON SKIN: Wash with plenty of soap and 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.
P337+P313 - If eye irritation persists: Get medical advice/attention.

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

2.3. Other hazards

Other hazards which do not result in classification : Contact with skin through cellulose based fabrics (i.e cotton, rayon, linen, viscose) generates heat and may cause burns.

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

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 at a concentration equal to or greater than 0,1 %

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 substance with national workplace exposure limit(s) (GB)	CAS-No.: 7085-85-0 EC-No.: 230-391-5 EC Index-No.: 607-236-00-9 REACH-no: 01-2119527766-29	≥ 75 – < 90	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
Silicones And Siloxanes, Dimethyl-, Reaction Products With Silica substance with national workplace exposure limit(s) (GB)	CAS-No.: 67762-90-7 EC-No.: 614-122-2	≥ 3 – < 8	Not classified

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
1,4-dihydroxybenzene substance with national workplace exposure limit(s) (GB)	CAS-No.: 123-31-9 EC-No.: 204-617-8 EC Index-No.: 604-005-00-4	≥ 0.01 – < 0.1	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)

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Do not pull bonded skin apart.

First-aid measures after inhalation : Move the affected person away from the contaminated area and into the fresh air. If symptoms persist, consult a doctor.

First-aid measures after skin contact : Do not pull bonded skin apart. Remove all contaminated clothing and footwear. Unless stuck to skin. Wash immediately with plenty of soap and water. Any bonded skin should be gently peeled apart, preferably after soaking in warm, soapy water. In the case of large spills on the skin, superficial burns may occur - treat accordingly. If irritation persists, consult a doctor.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. If the eyelid is bonded closed, do not force open. Cover with wet pad soaked in warm water. Get prompt medical attention in case solid particles of cured cyanoacrylate get trapped behind the eye,there is a possibility of causing abrasive damage. The affected eye should be covered with wet dressing until the separation process is complete, usually 1-3 days. If eye irritation persists, consult a specialist.

First-aid measures after ingestion : The product will polymerise immediately in the mouth, making it almost impossible to swallow, but beware of possible choking hazard. Make sure the airways are not obstructed. Saliva will separate the solidified product from the mouth within a few hours. If symptoms persist, consult a doctor.

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

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/effects after inhalation : May cause shortness of breath, tightness of the chest, a sore throat and cough.

Symptoms/effects after skin contact : skin irritation and erythema. Cyanoacrylates bond skin in seconds. In the case of large spills on the skin, superficial burns may occur - treat accordingly.

Symptoms/effects after eye contact : Causes eye irritation. redness, itching, tears. Cyanoacrylates bond eyelids in seconds.

Symptoms/effects after ingestion : Causes irritation of the mouth and throat. The product will polymerise immediately in the mouth, making it almost impossible to swallow, but beware of possible choking hazard.

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

An eyewash station should be available on the premises. Do not pull bonded skin apart.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : dry chemical powder, alcohol-resistant foam, carbon dioxide (CO_2).

Unsuitable extinguishing media : high volume water jet or water based extinguishing media.

5.2. Special hazards arising from the substance or mixture

Explosion hazard : Prolonged exposure to fire may cause containers to rupture/explode.

Reactivity in case of fire : On heating, there is a risk of bursting due to internal pressure build-up. Cool down the containers exposed to heat with a water spray.

Hazardous decomposition products in case of fire : Combustion products may include the following: carbon oxides (CO, CO_2) (carbon monoxide, carbon dioxide) nitrogen oxides (NO, NO_2 etc.).

5.3. Advice for firefighters

Precautionary measures fire : Do not approach fire except upwind and only with proper skin and respiratory protection (supplied air only).

Firefighting instructions : Do not allow water to enter the vessels, a violent reaction may occur.

Protection during firefighting : Use self-contained breathing apparatus and chemically protective clothing. Avoid contact with eyes, skin and clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid contact with skin and eyes.

6.1.1. For non-emergency personnel

Protective equipment : Gloves.

Emergency procedures : See section 8 of the SDS for more information on personal protective equipment. Avoid contact with skin, eyes and clothing.

6.1.2. For emergency responders

Protective equipment : Protective gloves. EN 374-2. Safety glasses. EN 166.

Emergency procedures : See section 8 of the SDS for more information on personal protective equipment. Mark out the contaminated area with signs and prevent access to unauthorized personnel. Stop the leak. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

For a large spillage, contain the spillage by bunding. Do not allow contact with water. Do not allow to enter drains or water courses.

6.3. Methods and material for containment and cleaning up

For containment : For large spills, confine the spill in a dike and charge it with wet sand or earth for subsequent safe disposal. (Do not use cloths; rags or materials made from cellulose).

Methods for cleaning up : Absorb spilled material with sand or earth. (Do not use cloths; rags or materials made from cellulose). Or polymerise slowly with water (~10:1, adhesive : water) and then scrape up residue. Place in an appropriate container and dispose of the contaminated material at a licensed site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Cyanoacrylates bond skin and eyelids in seconds.

Precautions for safe handling : Avoid contact with skin, eyes and clothing. Ensure that there is a suitable ventilation system. Do not handle in a confined space. Ambient humidity should be >35% to minimise discomfort.

Hygiene measures : Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Store in a well-ventilated place. Keep container tightly closed. Store away from direct sunlight or other heat sources.

Storage conditions : Keep only in original container. Protect from sunlight. For optimum shelf-life, it is recommended to keep the product in a refrigerated storage area. . Storage temperature 2-8°C.

Incompatible products : Oxidizing agent. Strong bases. Water. Amines. alcohols.

Incompatible materials : Heat sources. Water, humidity.

Storage temperature	:	2 – 24 °C For optimum shelf-life, it is recommended to keep the product in a refrigerated storage area.
Storage area	:	Store in a well-ventilated place.
Packaging materials	:	Always store product in a container of the same material as original container.

7.3. Specific end use(s)

adhesives.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Ethyl 2-cyanoacrylate (7085-85-0)	
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

Silicones And Siloxanes, Dimethyl-, Reaction Products With Silica (67762-90-7)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	10 mg/m³ 4 mg/m³
WEL chemical category	Capable of causing occupational asthma

1,4-dihydroxybenzene (123-31-9)	
United Kingdom - Occupational Exposure Limits	
Local name	Hydroquinone
WEL TWA (OEL TWA) [1]	0.5 mg/m³
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:
Ensure that there is a suitable ventilation system. See section 7 of the SDS.

8.2.2. Personal protection equipment

Personal protective equipment:
Safety glasses. Gloves.

Personal protective equipment symbol(s):

8.2.2.1. Eye and face protection

Eye protection:
Safety glasses

Eye protection			
Type	**Field of application**	**Characteristics**	**Standard**
Safety glasses	Droplet	With side shields	EN 166

8.2.2.2. Skin protection

Skin and body protection:
Do not wear cellulose based protective clothing (i.e cotton, rayon, linen, viscose).

Hand protection					
Type	**Material**	**Permeation**	**Thickness (mm)**	**Penetration**	**Standard**
Reusable gloves	Nitrile rubber (NBR), Fluoroelastomer (FKM), Viton® II	5 (> 240 minutes)	>0,35		EN 374-2
Disposable gloves	Nitrile rubber (NBR)	2 (> 30 minutes)	>0.15		

8.2.2.3. Respiratory protection

Respiratory protection:
[In case of inadequate ventilation] wear respiratory protection. Keep self contained breathing apparatus readily available for emergency use.

Respiratory protection			
Device	**Filter type**	**Condition**	**Standard**
Reusable half mask	Gas/vapour filter	If conc. in air > exposure limit	EN 405, EN 14387

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Colour	:	Colourless.
Appearance	:	Clear, colourless liquid.
Odour	:	Acrid.
Odour threshold	:	Not available
Melting point	:	-31 °C
Freezing point	:	Not available
Boiling point	:	214 °C @ 100.3 Kpa
Flammability	:	Not available
Explosive properties	:	Product is not explosive.
Oxidising properties	:	Not oxidising. by EC criteria.

Explosive limits	:	Not available
Lower explosion limit	:	Not available
Upper explosion limit	:	Not available
Flash point	:	> 85 °C
Auto-ignition temperature	:	485 °C @ 1013 hPa
Decomposition temperature	:	Not available
pH	:	substance/mixture reacts with water
Viscosity, kinematic	:	Not available
Viscosity, dynamic	:	50000 – 90000 cP Brookfield RVT, 'T'- spindle C, 2.5rpm
Non-Newtonian liquid	:	Thixotropic behaviour
Solubility	:	Soluble in acetone. Reacts violently on contact with water. Water: 24 µg/l @ 20 °C & pH 6.6
Partition coefficient n-octanol/water (Log Kow)	:	Not available
Partition coefficient n-octanol/water (Log Pow)	:	0.776 @ 22 °C & pH 6.3
Vapour pressure	:	21 Pa @20°C
Vapour pressure at 50°C	:	Not available
Density	:	Not available
Relative density	:	≈ 1.04
Relative vapour density at 20°C	:	Not available
Particle characteristics	:	Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

VOC content	:	< 3 g/l
Additional information	:	Polymerises on exposure to water (moisture)

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport. Do not allow contact with water.

10.2. Chemical stability

Stable under normal conditions of use. Polymerises on exposure to water (moisture).

Hardening time	:	≈ 50 Seconds

10.3. Possibility of hazardous reactions

Stable under normal conditions of use. Polymerises on exposure to temperature rise: pressure build-up may cause closed container to burst.

10.4. Conditions to avoid

Heat. High temperature. Open flame. Water, humidity. Protect from sunlight.

10.5. Incompatible materials

Incompatible with water, humid air. Oxidizing agent. Strong bases. Amines. alcohols.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, nitrogen oxides (NOx).

SECTION 11: Toxicological information

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

Acute toxicity (oral)	:	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	:	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	:	Not classified (Based on available data, the classification criteria are not met)

EC Gel	
LD50 oral rat	> 5000 mg/kg

Ethyl 2-cyanoacrylate (7085-85-0)	
LD50 oral rat	> 5 ml/kg

Silicones And Siloxanes, Dimethyl-, Reaction Products With Silica (67762-90-7)	
LD50 oral rat	> 5000 mg/kg Animal: rat, Male/Female: Toxicity, Oral
LD50 dermal rat	> 2000 mg/kg (Rat, Male / female, Experimental value, Dermal) OECD 402 method

1,4-dihydroxybenzene (123-31-9)	
LD50 oral rat	367.3 mg/kg bodyweight Animal: rat, Animal sex: female,OECD Guideline 401
LD50 dermal rabbit	> 2000 mg/kg bodyweight (OECD 402 method)

Skin corrosion/irritation : Causes skin irritation.
pH: substance/mixture reacts with water

1,4-dihydroxybenzene (123-31-9)	
pH	3.7

Serious eye damage/irritation : Causes serious eye irritation.
pH: substance/mixture reacts with water

1,4-dihydroxybenzene (123-31-9)	
pH	3.7

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)

Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

1,4-dihydroxybenzene (123-31-9)	
IARC group	3 - Not classifiable

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)

1,4-dihydroxybenzene (123-31-9)	
NOAEL (animal/male, F0/P)	15 mg/kg bodyweight
NOAEL (animal/female, F0/P)	15 mg/kg bodyweight
NOAEL (animal/male, F1)	150 mg/kg bodyweight
NOAEL (animal/female, F1)	150 mg/kg bodyweight

STOT-single exposure : May cause respiratory irritation.

Ethyl 2-cyanoacrylate (7085-85-0)	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No additional information available

11.2.2. Other information

Potential adverse human health effects and symptoms : Causes skin irritation,Causes serious eye irritation,Cyanoacrylates bond skin and eyelids in seconds.

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.

Ecology - water : Polymerises on exposure to water (moisture).

Hazardous to the aquatic environment, short–term (acute) : Not classified (Based on available data, the classification criteria are not met)

Hazardous to the aquatic environment, long–term (chronic) : Not classified (Based on available data, the classification criteria are not met)

Silicones And Siloxanes, Dimethyl-, Reaction Products With Silica (67762-90-7)	
EC50 - Other aquatic organisms [1]	1000 mg/l

1,4-dihydroxybenzene (123-31-9)	
LC50 - Fish [1]	0.638 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	0.134 mg/l Species: Daphnia magna
EC50 - Crustacea [2]	0.061 mg/l Species: Daphnia magna

12.2. Persistence and degradability

EC Gel	
Persistence and degradability	Biodegradability in water: no data available.

Silicones And Siloxanes, Dimethyl-, Reaction Products With Silica (67762-90-7)	
Persistence and degradability	Biodegradability in soil: no data available.

12.3. Bioaccumulative potential

EC Gel	
Partition coefficient n-octanol/water (Log Pow)	0.776 @ 22 °C & pH 6.3
Bioaccumulative potential	No bioaccumulation potential.

Silicones And Siloxanes, Dimethyl-, Reaction Products With Silica (67762-90-7)	
Bioaccumulative potential	Bioaccumulation. Lack of data.

1,4-dihydroxybenzene (123-31-9)	
Partition coefficient n-octanol/water (Log Pow)	0.5 – 0.59

12.4. Mobility in soil

EC Gel	
Additional information	Mobility is considered to be very low due to rapid polymerisation with water.

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

Additional information : No other effects known

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.

Waste treatment methods : The product can be polymerised slowly with water (10:1, adhesive : water). Cured product can then be disposed of in land-fill sites by licensed contractors. Use suitable disposal containers.

Product/Packaging disposal recommendations : Do not dispose of the packaging without first carrying out the necessary cleaning.

Additional information : Empty containers should be taken for recycling, recovery or waste in accordance with local regulation.

HP Code : HP5 - "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.
HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
NOT SUBJECT	NOT SUBJECT (Not subject to the provisions of IMDG but may be subject to provisions governing the transport of dangerous goods by other modes)		NOT SUBJECT	NOT SUBJECT TO RID
14.1. UN number or ID number				
UN 3334	UN 3334	UN 3334	UN 3334	UN 3334
14.2. UN proper shipping name				
Aviation regulated liquid, n.o.s. (Ethyl 2-cyanoacrylate)	AVIATION REGULATED LIQUID, N.O.S. (Ethyl 2-cyanoacrylate)	Aviation regulated liquid, n.o.s. (Ethyl 2-cyanoacrylate)	aviation regulated liquid, n.o.s. (Ethyl 2-cyanoacrylate)	Aviation regulated liquid, n.o.s. (Ethyl 2-cyanoacrylate)
Transport document description				
UN 3334 Aviation regulated liquid, n.o.s. (Ethyl 2-cyanoacrylate), 9	UN 3334 AVIATION REGULATED LIQUID, N.O.S. (Ethyl 2-cyanoacrylate), 9	UN 3334 Aviation regulated liquid, n.o.s. (Ethyl 2-cyanoacrylate), 9, III	UN 3334 aviation regulated liquid, n.o.s. (Ethyl 2-cyanoacrylate), 9	UN 3334 Aviation regulated liquid, n.o.s. (Ethyl 2-cyanoacrylate), 9
14.3. Transport hazard class(es)				
9	9	9	9	9
Not applicable			Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	III	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available				

14.6. Special precautions for user

Overland transport

Classification code (ADR)	:	M11
EAC code	:	2Z

Transport by sea

Special provisions (IMDG)	:	960
Stowage category (IMDG)	:	None
Properties and observations (IMDG)	:	Not subject to the provisions of this Code but may be subject to provisions governing the transport of dangerous goods by other modes.

Air transport

Transport regulations (IATA)	:	Primary packs containing less than 500ml are unregulated by this mode of transport and may be shipped unrestricted.
PCA Excepted quantities (IATA)	:	E1
PCA Limited quantities (IATA)	:	Y964
PCA limited quantity max net quantity (IATA)	:	30kgG
PCA packing instructions (IATA)	:	964
PCA max net quantity (IATA)	:	100L
CAO packing instructions (IATA)	:	964
CAO max net quantity (IATA)	:	220L
Special provisions (IATA)	:	A27
ERG code (IATA)	:	9A

Inland waterway transport

Classification code (ADN)	:	M11

Rail transport

Classification code (RID)	:	M11

14.7. Maritime transport in bulk according to IMO instruments

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

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

VOC Directive (2004/42)

VOC content	:	< 3 g/l

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier

SECTION 16: Other information

Indication of changes:
Composition/information on ingredients. First aid measures. Firefighting measures. Accidental release measures. Handling and storage. Physical and chemical properties. Disposal considerations.

Indication of changes			
Section	**Changed item**	**Change**	**Comments**
	Indication of changes	Added	
	Revision date	Modified	
	Supersedes version of	Modified	
1.2	Use of the substance/mixture	Added	
2.2	Precautionary statements (CLP)	Modified	
3	Composition/information on ingredients	Modified	
4.1	First-aid measures general	Modified	
4.3	Other medical advice or treatment	Modified	
5.2	Explosion hazard	Added	
5.3	Precautionary measures fire	Added	
6.1	Emergency procedures	Modified	
6.1	Protective equipment	Added	
7.1	Additional hazards when processed	Added	
7.2	Storage temperature	Added	
9.1	Boiling point	Modified	
9.1	Oxidising properties	Modified	
9.1	Vapour pressure	Modified	
9.1	Auto-ignition temperature	Modified	
9.1	pH	Added	
9.1	Particle size	Added	
9.2	Additional information	Added	
11.1	Potential adverse human health effects and symptoms	Added	
13.1	Waste treatment methods	Added	
15.1	REACH Annex XVII	Added	

Indication of changes			
Section	**Changed item**	**Change**	**Comments**
16	Data sources	Added	
16	Abbreviations and acronyms	Added	

Abbreviations and acronyms:	
CAS-No.	Chemical Abstract Service number
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
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
IOELV	Indicative Occupational Exposure Limit Value
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
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
WGK	Water Hazard Class

Data sources : Supplier's safety documents. ECHA (European Chemicals Agency). UNECE, http://www.unece.org/.

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
EUH202	Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H302	Harmful if swallowed.

Full text of H- and EUH-statements:	
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.
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

Safety Data Sheet applicable for regions : GB

Safety Data Sheet (SDS), EU

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