CHEMIGLU CYANOACRYLATE ADHESIVE

Safety data sheet

in accordance with Regulation (EC) No 1907/2006 (REACH), as amended by Regulation (EU) 2015/830 Issue date: 21/03/2017 Revision date: 30/03/2018 Version: 01

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

1.1. Product identifier

Product form : Mixture

Trade name : CHEMIGLU CYANOACRYLATE ADHESIVE

Product type : Adhesives

Product group : Commercial product

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

1.2.1. Relevant identified uses

Intended for the general public

Main use category : Industrial use, Professional use, Consumer use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

LUSAVOUGA, S.A.
Edifício Lusavouga - Avenida
Europa - 375 3800 - 533 CACIA
Aveiro (Portugal)
+351 234 915 010 | +351 234 915 015
lusavouga@lusavouga.pt | www.lusavouga.com

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Portugal	Poison Information Centre National Institute of Medical Emergency	Rua Almirante Barroso, 36 1000-013 Lisboa	+351 808 250 250	

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

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

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

Precautionary statements (CLP) : P102 - Keep out of reach of children.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash hands, forearms and face thoroughly after handling. 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 water.

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

reach of children.

2.3. Other hazards

No additional information available

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	(nº CAS) 7085-85-0 (n° CE) 230-391-5 (Index number) 607-236-00-9	70 - 90	Eye Irrit. 2, H319 STOT SE 3, H335 Skin Irrit. 2, H315

Specific concentration limits:

Name	Product identifier	Specific concentration limits
ethyl 2-cyanoacrylate	(nº CAS) 7085-85-0 (n° CE) 230-391-5 (Index number) 607-236-00-9	(C >= 10) STOT SE 3, H335

Full text of H-statements, see Section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General first aid : If you feel unwell, contact a poison centre or doctor.

First aid after inhalation : Remove person to fresh air and keep comfortable for breathing. If you feel unwell, contact a poison centre or doctor.

First aid after skin contact : Wash skin with plenty of water. Remove contaminated clothing. If skin irritation occurs: Get medical advice/attention.

First aid 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.

First aid after ingestion : If you feel unwell, contact a poison centre or doctor.

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

Symptomatic treatment.

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 the 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, see 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

Clean-up procedures	:	Take up liquid spill into absorbent material.
Other information	:	Dispose of materials or solid residues at an authorised facility.

6.4. Reference to other sections

For further information, see 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. Wash hands after handling.

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

No additional information available

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work area.

Hand protection:

Protective gloves

Eye protection:

Safety goggles

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	:	Liquid.
Colour	:	Colourless.
Odour	:	characteristic.
Odour threshold	:	No data available
pH	:	No data available
Relative evaporation rate (butyl acetate=1)	:	No data available
Melting point	:	Not applicable
Freezing point	:	No data available
Boiling point	:	No data available

Flash point:	No data available Auto-ignition
temperature:	No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure:	No data available Relative
vapour density at 20 °C:	No data available Relative
density	: No data available
Solubility	: No data available
Log Pow	: No data available
Kinematic viscosity	: No data available
Dynamic viscosity	: No data available
Explosive properties	: No data available.
Oxidising properties	: No data available.
Explosio	n limits:

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

THE product is not 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 are 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 storage and use conditions, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
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
Specific target organ toxicity (STOT) - single exposure	: May cause respiratory irritation.
Specific target organ toxicity (STOT) - repeated exposure	: Not classified
Aspiratio	n 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.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: 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 the sorting instructions of the authorised waste collection operator.

SECTION 14: Transport information

According to ADR / RID / IMDG / IATA / ADN REQUIREMENTS

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No additional information available				

14.6. Special precautions for user

- Land transport

Not applicable

- Sea transport

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

The following restrictions apply according to Annex XVII of Regulation (EC) NO 1907/2006 (REACH):

3. Liquid substances or mixtures regarded as dangerous under Directive 1999/45/EC or fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	ethyl 2-cyanoacrylate
3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 (adverse effects on sexual function and fertility or on development), 3.8 (effects other than narcotic effects), 3.9 and 3.10	UNIVERSAL INSTANT ADHESIVE - 2-ethyl cyanoacrylate

Contains no substance on the REACH candidate list Contains no substance listed in Annex XIV of REACH

15.1.2. National Regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:

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
CLP	Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging
CIIC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code

Data sources of : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Full text of H- and EUH-STATEMENTS:

Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
EUH202	Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of reach of children.

EU SDS (REACH ANNEX II)

This information is based on our current knowledge and is intended to describe the product for health, safety and environmental requirements only. It should therefore not be construed as guaranteeing any specific property of the product.