

Date: 2023-06-22 **Former date:**

This data sheet contains changes from the previous version ""

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

- 1.1 **Product identifier / Commercial Product Name:** Beamlight UV Glue
UFI - Code: Not applicable
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against:** None known.
Professional Use of the Substance/Preparation: Eyelash glue
Chemical nature of the preparation: Ethyl 2-cyanoacrylate
- 1.3 **Details of the manufacturer / supplier of the safety data sheet:**
Address: Manufacturer, supplier:
 Ciolea Brands GmbH & Co. KG, Eiffestraße 600, 20537 Hamburg, Germany, Telephone: + 49 40 3009 4000
Contact Person: Mr. Hagen Doleske , eMail: alexandracionlea@gmail.com
Responsible for the safety data sheet: :
 CHEMCO123 ® – Chemical Consultancy, graduate chemist Rosemarie Fechner, Telephone: + 49 5221 6935980
 e-mail address: info@chemco123.de
- 1.4 **Emergency telephone number:**
 Emergency – Telephone of Company / Undertaking: + 49 40 3009 4000

SECTION 2: Hazards identification

2.1 Classification:

Hazard Statement	Hazard Class and - Category
H315 – Causes skin irritation.	Skin Irrit. 2
H319 – Causes serious eye irritation.	Eye Irrit. 2
H335 – May cause respiratory irritation..	STOT SE 3
EUH202 - Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.	
EUH208 - Contains Phenylbis(2,4,6-trimethylbenzoyl)phosphinoxide. May produce an allergic reaction.	

2.2 Label elements:



Warning

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 the reach of children.
 EUH208 - Contains Phenylbis(2,4,6-trimethylbenzoyl)phosphin-oxid. May produce an allergic reaction.
 P261 – Avoid breathing dust/fume/gas/mist/vapours/spray.
 P271 - Use only outdoors or in a well-ventilated area.
 P280 – Wear nitrile rubber protective gloves according to EN 374 and eye protection according to EN 166.
 P302 + P352 – IF ON SKIN: Wash with plenty of soap and water.
 P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.
 P305 + P352 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Commercial Product Name: Beamlight UV Glue

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P315 - Get immediate medical advice/attention.
 P405 - Store locked up.
 P501 - Dispose of contents / container to a recognized disposal company.

2.3

Other hazards:**Human experience:**

None.

Aquatic environment

Slightly Water endangering.

Persistent, bioaccumulative and toxic substances (PBT-substances): None.

Very persistent and very bioaccumulative substances (vPvB-substances): None.

SECTION 3: Composition/information on ingredients3.1. **Substances:** Not applicable.3.2. **Mixtures:****Dangerous Ingredients**

CAS - No.	Index - No.	EC - No.	Chemical name / REACH registration number	m% - range	pictogram(e)	H - phrases
7085-85-0	607-236-00-9	230-391-5	Ethyl-2-cyanacrylate / 01-2119527766-29-xxxx	80 < C < 90 %	GHS07	H319, H335, H315
162881-26-7	015-189-00-5	423-340-5	Phenylbis(2,4,6-trimethylbenzoyl)phosphin oxide / No data available	0,1 < C < 1 %	GHS07	H317 H413

H317 = Skin Sens. 1A, H413 = Aquatic Chronic 4

SECTION 4: First aid measures4.1 **Description of first aid measures:****General advice:**

Show this safety data sheet to the doctor in attendance.

Inhalation:

Move to fresh air in case of accidental inhalation of vapours or decomposition products.

If symptoms persist, call a physician.

Skin contact:

Wash off with soap and warm water. In the case of skin irritation or allergic reactions see a physician.

Eye contact:

First: Treatment with lidocaine. Then immediately rinse eyes thoroughly with plenty of water and seek medical advice immediately.

Ingestion:

Clean mouth with water. Ingest immediately about 350 ml (5 ml/kg body weight) of activated charcoal slurry.

Call a physician immediately.

4.2

Most important symptoms and effects, both acute and delayed:

No information available.

4.3

Indication of any immediate medical attention and special treatment needed:

Treat symptomatically. For pulmonary irritation initial treatment with inhaler - Ventolair® / Junik®.

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SECTION 5: Firefighting measures**5.1 Extinguishing media:**

Suitable extinguishing media: Use dry chemical, CO₂, water spray or "alcohol" foam.

Unsuitable extinguishing media: None.

5.2 Special hazards arising from the substance or mixture:

In the event of fire the following can be released: Hydrogen cyanide (hydrocyanic acid), carbon oxides and nitrogen oxides.

5.3 Advice for firefighters: Prevent product from entering drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.**Special protective equipment for firefighters:**

Special protective equipment for firefighters:

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures:****6.1.1 For non-emergency personnel:**

Use personal protective equipment. Ensure adequate ventilation. Keep away from sources of ignition - No smoking. Avoid contact with skin and eyes. Do not breathe vapour. Emergency procedures such as the need to evacuate the danger area or to consult an expert.

6.1.2 For emergency responders:

Use personal protective equipment. Inform the untrained personnel that the precautions listed in the subsection 6.1.1 are complied with.

6.2 Environmental precautions:

Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained. Soak up with inert absorbent material (universal binder). Shovel into suitable container for disposal.

6.3 Methods and material for containment and cleaning up:**6.3.1 Methods and material for containment:**

Soak up with inert absorbent material (universal binder). Shovel into suitable container for disposal.

6.3.2 Methods and material for cleaning up:

Soak up with inert absorbent material (universal binder). Shovel into suitable container for disposal.

6.3.3 Inappropriate containment or clean-up techniques:

None.

6.4 Reference to other sections:

See section 8 / 13.

SECTION 7: Handling and storage**7.1 Precautions for safe handling:****7.1.1 Recommendations shall be specified to:**

Persons who are allergic to cyanoacrylates must not work with cyanoacrylates. Avoid contact with skin and eyes. Keep container tightly closed in a cool, well-ventilated place. Ensure adequate ventilation, especially in confined areas.

7.1.2 Advice on general occupational hygiene shall be provided:

Do not breathe vapour. Avoid contact with skin and eyes. Remove and wash contaminated clothing before re-use. When using do not eat or drink. When using do not smoke.

7.2 Conditions for safe storage, including any incompatibilities:

Keep container tightly closed in a cool, well-ventilated place. Protect from humidity and water. Keep away from oxidizers, strong alkalis and amines to avoid exothermic reactions. Protect from heat.

Precautions in Case of Fire and Explosion:

The product is flammable. Normal measures for preventive fire protection. Keep away from sources of ignition. No smoking.

Storage Instructions:

Keep container tightly closed in a cool, well-ventilated place.

7.3 Specific end use(s):

Eyelash glue.

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SECTION 8: Exposure controls/personal protection8.1 **Control parameters:****CAS / Material**

None.

Limit Value according to TRGS 900/ EC Guideline 2000/39:**Reference: Gestis Data base - Data on chemical media, November 2022**

DNEL-Values: ethyl-2-cyanacrylate	
Excessive exposures - systemic and local properties:	Inhalation: 9,25 mg / m ³
DNEL- Values: Phenylbis(2,4,6-trimethylbenzoyl)phosphinoxide	
Excessive exposures - systemic properties:	Inhalation: 21 mg / m ³
Excessive exposures - local properties:	Inhalation: No data available

8.2 **Exposure controls:**

None.

8.2.1 **Appropriate engineering controls:**

Ensure adequate ventilation, especially in confined areas.

8.2.2 **Personal Protective Equipment****Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment. Filter B**Hand Protection:**

Excessive exposure: Protective gloves (Nitrile rubber) according to EN 374.
 Break through time: > 480 Min. Glove thickness: 0,7 mm / Level 6.

Short time exposure: Protective gloves according to EN 374. (Nitrile rubber).
 Break through time: > 30 Min. Glove thickness: 0,4 mm / Level 2.
 Refer to manufacturer of gloves for detailed information.

Eye Protection: tightly fitting safety goggles**Skin Protection:** long sleeved clothing**Further Information:** Choose body protection according to the amount and concentration of the dangerous substance at the work place.**Thermal hazards:** None.8.2.3 **Environmental exposure controls:** None.**SECTION 9: Physical and chemical properties**9.1 **Information on basic physical and chemical properties:**

Appearance: viscous liquid
Colour: colourless
Odour: like cyanacrylate
Odour threshold: no data available

Safety Relevant Data

pH-, (undiluted): no data available
 Boiling point/range: (°C): 150
 Melting point/range : (°C): not applicable
 Flash point (°C): > 70
 Evaporation Rate: no data available
 Flammability (solid, gas): The product is flammable but not readily ignited.
 Upper/lower flammability or explosive limits: not applicable, not applicable

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Vapour pressure:	no data available
Vapour density ((Air = 1.0)):	no data available
Relative density (g/cm ³):	> 1
Water solubility:	insoluble
Soluble in:	Not relevant
Fat solubility:	None.
Partition coefficient (n-octanol/water):	no data available
Auto-ignition temperature °C:	not applicable
Decomposition temperature °C:	no data available
Kinematic viscosity:	no data available
Viscosity:	no data available
Oxidising properties:	not applicable
Explosive properties:	not applicable
Solvent (Weight %):	not applicable
VOC (g / kg):	not applicable
Particle characteristics:	not applicable
Thermal decomposition (°C):	no data available
Vapour density (Air = 1):	no data available
Evaporation rate:	no data available

9.2 **Other information:**9.2.1 **Information with regard to physical hazard classes:**

No further information according to a to q according to Regulation (EU) 2020/878 required.

SECTION 10: Stability and reactivity10.1 **Reactivity:**

None.

10.2 **Chemical stability:**

Stable at normal conditions. Evolution of flammable mixtures possible in air when heated above flash point.

10.3 **Possibility of hazardous reactions:**

Keep away from oxidizers, strong alkalis and amines to avoid exothermic reactions.

10.4 **Conditions to avoid:**

Stable under normal conditions. No decomposition if used as directed. Avoid heat, light and moisture.

10.5 **Incompatible materials:**

None.

10.6 **Hazardous decomposition :**

Hydrogen cyanide (hydrocyanic acid).

SECTION 11: Toxicological information11.1 **Information on hazard classes as defined in Regulation (EC) No 1272/2008**11.1.1 **Acute toxicity Mixtures:**

LC50/inhalation/4h/rat =	No data available
LD50/oral/rab. =	> 5000 mg/kg
LD50/dermal/rat =	> 2000 mg/kg
Skin corrosion/irritation	Causes skin irritation. Skin Irr.t. 2
Serious eye damage/irritation	Causes serious eye irritation. Eye Irrit. 2
Respiratory or skin sensitisation	Contains Phenylbis(2,4,6-trimethylbenzoyl)phosphinoxide. May produce an allergic reaction.
Carcinogenicity:	No data available
Mutagenicity:	No data available
Toxicity for reproduction	No data available
STOT-single exposure	May cause respiratory irritation. STOT SE 3
STOT-repeated exposure	None
Aspiration hazard	None

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11.1.2	<p>Substances</p> <p>Acute toxicity ethyl 2-cyanoacrylate:</p> <table border="0"> <tr><td>LC50/inhalation/4h/rat =</td><td>No data available</td></tr> <tr><td>LD50/oral/rat =</td><td>> 5240 mg/kg</td></tr> <tr><td>LD50/dermal/rab. =</td><td>> 2000 mg/kg</td></tr> <tr><td>Skin corrosion/irritation</td><td>Causes skin irritation.</td></tr> <tr><td>Serious eye damage/irritation</td><td>Causes serious eye irritation.</td></tr> <tr><td>Respiratory or skin sensitisation</td><td>None.</td></tr> <tr><td>Germ cell mutagenicity</td><td>None.</td></tr> <tr><td>Carcinogenicity</td><td>None.</td></tr> <tr><td>Reproductive toxicity</td><td>None.</td></tr> <tr><td>STOT-single exposure</td><td>May cause respiratory irritation.</td></tr> <tr><td>STOT-repeated exposure</td><td>None.</td></tr> <tr><td>Aspiration hazard</td><td>None</td></tr> </table> <p>Acute toxicity Phenylbis(2,4,6-trimethylbenzoyl)phosphin oxide</p> <table border="0"> <tr><td>LC50/inhalation/4h/rat =</td><td>No data available.</td></tr> <tr><td>LD50/oral/rat =</td><td>> 2000 mg/kg</td></tr> <tr><td>LD50/dermal/rat =</td><td>> 2000 mg/kg</td></tr> <tr><td>Skin corrosion/irritation</td><td>None.</td></tr> <tr><td>Serious eye damage/irritation</td><td>None.</td></tr> <tr><td>Respiratory or skin sensitisation</td><td>May cause an allergic skin reaction.</td></tr> <tr><td>Germ cell mutagenicity</td><td>None..</td></tr> <tr><td>Carcinogenicity</td><td>None.</td></tr> <tr><td>Reproductive toxicity</td><td>None.</td></tr> <tr><td>STOT-single exposure</td><td>None.</td></tr> <tr><td>STOT-repeated exposure</td><td>None.</td></tr> <tr><td>Aspiration hazard</td><td>None.</td></tr> </table>	LC50/inhalation/4h/rat =	No data available	LD50/oral/rat =	> 5240 mg/kg	LD50/dermal/rab. =	> 2000 mg/kg	Skin corrosion/irritation	Causes skin irritation.	Serious eye damage/irritation	Causes serious eye irritation.	Respiratory or skin sensitisation	None.	Germ cell mutagenicity	None.	Carcinogenicity	None.	Reproductive toxicity	None.	STOT-single exposure	May cause respiratory irritation.	STOT-repeated exposure	None.	Aspiration hazard	None	LC50/inhalation/4h/rat =	No data available.	LD50/oral/rat =	> 2000 mg/kg	LD50/dermal/rat =	> 2000 mg/kg	Skin corrosion/irritation	None.	Serious eye damage/irritation	None.	Respiratory or skin sensitisation	May cause an allergic skin reaction.	Germ cell mutagenicity	None..	Carcinogenicity	None.	Reproductive toxicity	None.	STOT-single exposure	None.	STOT-repeated exposure	None.	Aspiration hazard	None.
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Aspiration hazard	None.																																																
* 11.1.3	Test data: no data available																																																
* 11.1.4	Classification criteria for a particular hazard class: According to Regulation (EC) No. 1272/2008 including the amending regulations.																																																
* 11.1.5	Information on likely routes of exposure: See 11.1.1 und 11.1.2.																																																
* 11.1.6	Symptoms related to the physical, chemical and toxicological characteristics: When used as intended and in compliance with the individual protective measures listed under 8.2.2, there is no danger from the product in the form in which it is supplied.																																																
* 11.1.7	Delayed and immediate effects as well as chronic effects from short and long-term exposure: Not known.																																																
* 11.1.8	Interactive effects: Not known.																																																
* 11.1.9	Absence of specific data: No specific data available..																																																
* 11.1.10	Mixtures: The mixture as a whole has not been tested for its health effects. The possible dangers of the ingredients are specified in point 11.1.2. (Classification according to Regulation (EC) No. 1272/2008 including the amending regulations.																																																
* 11.1.11	Mixture versus substance information:																																																
* 11.1.11.1	Interactions of the ingredients in the mixture in the body: No information available.																																																
* 11.1.11.2	Effect of the ingredients: No further information available.																																																
* 11.2.1	Endocrine disrupting properties: None.																																																
* 11.2.2	Other information: No data available.																																																

SECTION 12: Ecological information

12.1	<p>Toxicity: Slightly water endangering.</p> <p>Toxicity data: Ethyl-2-cyanacrylate and Phenylbis(2,4,6-trimethylbenzoyl)phosphin oxide</p> <p>Fish toxicity: LC50/96h: No data available.</p> <p>Acute Toxicity to Daphnia: LC50/48h: No data available</p> <p>Toxicity to algae: EC50/72h: No data available</p>
12.2	<p>Persistence and degradability: May be separated mechanically in waste water plants. Ethyl 2-cyanoacrylate is biodegradable.</p>

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12.3 Bioaccumulative potential:

Does not bioaccumulate

12.4 Mobility in soil

Does not bioaccumulate.

12.5 Results of PBT and vPvB assessment:

Persistent, bioaccumulative and toxic substances (PBT-substances): None.

Very persistent and very bioaccumulative substances (vPvB-substances): None.

12.6 Endocrine disrupting properties: None**12.7 Other adverse effects:**

No data is available on the product itself.

SECTION 13: Disposal considerations**13.1 Waste treatment methods:****Methods of waste treatment of both the substance or mixture and any contaminated packaging**

Dispose of contents / container to a recognized disposal company

Waste disposal number: 20 01 27 - paint, inks, adhesives and resins containing dangerous substances
(Decision 2014/955/EU)

SECTION 14: Transport information**Transportation according to ADR/GGVS, IMDG/GGVSee and IATA-DGR/ICAO-TI:**

Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code.

UN 3334 - Aviation regulated liquid, n.o.s. (Ethyl-2-cyanoacrylate),

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Compliance with occupational safety.

Regulation (EC) 10005/2009: No.

Regulation (EC) 850/2004: No.

Regulation (EC) 649/2012: No.

Directive 96/82/EC (Seveso): No

Regulation (EC) No 648/2004 on detergents: No.

15.2 Chemical safety assessment: No data available.**SECTION 16: Other information****H - Phrases:**

H317 – May cause an allergic skin reaction.

H413 - May cause long lasting harmful effects to aquatic life.

Abbreviations:

UFI = Unique Formula Identifier Code

PNEC = predicted no effect concentration

DNEL-(Derived No-Effect Levels)

Regulation (EC) 10005/2009: Substances that deplete the ozone layer.

Regulation (EC) 850/2004: Persistent organic pollutants.

Regulation (EC) 649/2012: Export and import of dangerous chemicals

Further information to work out the Data sheet:

Data of the producer.

Classification: According to Regulation (EC) No 1272/2008 including the amending regulations, tabel 3.2.3 and 3.3.3

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible.

They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

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