

Safety data sheet
in accordance with Regulation (EC) 1907/2006 (REACH)
and Regulation (EU) 2020/878

Version number: GHS 1.1

Date of creation: February 17, 2025

SECTION 1: Identification of the substance or mixture and of the company

· **1.1 Product identifier**

· **Trade name:** ARKAKRAFTPROTZ All-purpose Super Glue 5x3g

Item number: KPG15, KPF15

UFI code: A300-P0FS-Q002-GD7Y

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

No further relevant information available.

· **Use of the substance/mixture** Adhesive

· **1.3 Details of the supplier providing the safety data sheet**

· **Manufacturer/supplier:**

ARKA Biotechnologie GmbH

Mühlach 53-55

D-90552 Röthenbach

Tel.:

Fax: +49 (0)911 5698610 29

Email: info@arka-biotech.de

· **Information provided by:** Munich Poison Control Center 24 hours a day, 7 days a week

· **1.4 Emergency number:**

Tel.: +49 (0)89 192 40

SECTION 2: Possible hazards

· **2.1 Classification of the substance or mixture**

· **Classification according to Regulation (EC) No. 1272/2008**



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H335 May cause respiratory irritation.

· **2.2 Label elements**

· **Labeling according to Regulation (EC) No. 1272/2008**

The product is classified and labeled in accordance with the CLP Regulation.

· **Hazard pictograms**



GHS07

· **Signal word:** Warning

· **Hazardous components for labeling:**

Ethyl 2-cyanoacrylate

· **Hazard statements**

H315 Causes skin irritation.

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

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· **Safety instructions**

- P101 If medical advice is needed, have product container or label at hand.
- P261 Avoid breathing vapors.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P501 Dispose of contents/container in accordance with national regulations.

· **Additional information:**

EUH202 Cyanoacrylate. Danger. Bonds skin and eyelids within seconds. Keep out of reach of children.

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**

· **Description:** Adhesive

· **Hazardous ingredients:**

CAS: 7085-85-0 EINECS: 230-391-5 Index number: 607-236-00-9 Reg. No.: 01-2119527766-29-0035	Ethyl 2-cyanoacrylate ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335, EUH202 STOT SE 3; H335:C ≥ 10%	92-99
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· **Additional information:**

The wording of the hazard statements listed can be found in section 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**

- **General information:** No special measures required.
- **After inhalation:** If unconscious, place in the recovery position and transport.
- **After skin contact:** Wash immediately with soap and water and rinse thoroughly.
- **After eye contact:**
Rinse eyes for several minutes under running water with eyelids open. Consult a doctor if symptoms persist.
- **After swallowing:** Consult a doctor if symptoms persist.
- **4.2 Most important acute and delayed symptoms and effects**
No further relevant information available.
- **4.3 Indications for immediate medical attention or special treatment**
No further relevant information available.

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SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing media:**
CO₂, dry powder, or water spray. Fight larger fires with water spray or alcohol-resistant foam.
- **5.2 Special hazards arising from the substance or mixture**
No further relevant information available.
- **5.3 Firefighting instructions**
- **Special protective equipment:** No special measures required.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment, and emergency procedures**
Not required.
- **6.2 Environmental precautions:**
Do not allow to enter the sewage system/surface water/groundwater.
- **6.3 Methods and material for containment and cleaning up:**
Place in suitable containers for recovery or disposal.
Absorb with liquid-binding material (sand, diatomaceous earth, acid binder, universal binder, sawdust).
Ensure adequate ventilation.
- **6.4 Reference to other sections**
For information on safe handling, see Section 7. For information on personal protective equipment, see Section 8. For information on disposal, see Section 13.

SECTION 7: Handling and storage

- **7.1 Protective measures for safe handling** Ensure good ventilation/exhaust at the workplace. Open and handle containers with care.
Avoid aerosol formation.
- **Fire and explosion protection information:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements for storage rooms and containers:** No special requirements.
- **Information on storage together with other substances:** Not required.
- **Further information on storage conditions:** Keep containers tightly closed.
- **Storage class:** 10
- **Classification according to the German Industrial Safety Regulation (BetrSichV):** -
- **7.3 Specific end uses** No further relevant information available.

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SECTION 8: Exposure controls/personal protective equipment

· **8.1 Parameters to be monitored**

· **Components with workplace-related limit values to be monitored:**

7085-85-0 Ethyl 2-cyanoacrylate

MAK See Section IIb

· **Additional information:** The lists valid at the time of compilation served as a basis.

· **8.2 Exposure controls and monitoring**

· **Suitable technical control measures** No further information, see Section 7.

· **Individual protection measures, e.g., personal protective equipment**

· **General protective and hygiene measures:**

The usual precautions for handling chemicals must be observed. Keep away from food, beverages, and animal feed.

Immediately remove contaminated, soaked clothing.

Wash hands before breaks and at the end of work. Do

not inhale gases/vapors/aerosols.

Avoid contact with eyes and skin.

· **Respiratory protection** Not required.

· **Hand protection**



Protective gloves

The glove material must be impermeable and resistant to the product/substance/preparation. Select glove material taking into account breakthrough times, permeation rates, and degradation.

· **Glove material**

Recommended material thickness: > 0.12 mm

Nitrile gloves with a material thickness of >0.1 mm (breakthrough time < 30s).

For prolonged contact, protective gloves made of nitrile rubber in accordance with EN 374 are recommended. Material thickness > 0.4 mm

Breakthrough time > 30 minutes Nitrile rubber

· **Penetration time of the glove material**

For the mixture of chemicals listed below, the breakthrough time must be at least 10 minutes (permeation according to EN 374 Part 3: Level 1).

· **Eye/face protection**

Safety goggles



Tight-fitting safety goggles

Safety goggles are recommended when decanting.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General information	
Physical state	Light to highly viscous
Color	Colorless - transparent
Odor	Characteristic - pungent
Odor threshold:	Not determined.
Melting point/freezing point:	Not determined.
Boiling point or boiling range and boiling range	≥160 °C
Flammability	Not applicable.
Lower and upper explosion limits	
Lower:	Not specified.
Upper:	Not determined.
Flash point:	≥78 °C
Decomposition temperature:	Not determined.
pH value:	Not determined.
Viscosity:	
Kinematic viscosity	Not determined.
Dynamic at 20 °C:	1000 mPas
Solubility	
Water:	Not miscible or slightly miscible.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapor pressure:	Not determined.
Density and/or relative density	
Density at 20 °C:	1.25 g/cm ³
Relative density	Not determined.
Vapor density	Not determined.

9.2 Other information

	All physical data relevant to the mixture have been determined. All data not specified are either not measurable or not relevant for the characterization of the mixture.
Appearance	
Form:	Liquid / Pasty
Important health, environmental, and safety information	
Ignition temperature	The product is not self-igniting.
Explosive properties:	The product is not explosive.
Solvent content:	
Solid content:	Not determined.
Change of state	
Evaporation rate	Not determined.

Information about physical hazard classes	
Explosive substances/mixtures and products with explosive substances	Not applicable
Flammable gases	Not applicable

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· Aerosols	Not applicable
· Oxidizing gases	Not applicable
· Gases under pressure	Not applicable
· Flammable liquids	Not applicable
· Flammable solids	Not applicable
· Self-reducing substances and mixtures	Not applicable
· Pyrophoric liquids	Not applicable
· Pyrophoric solids	Not applicable
· Self-heating substances and mixtures	Not applicable
· Substances and mixtures which, in contact with water	Not applicable
· Oxidizing liquids	Not applicable
· Oxidizing solids	Not applicable
· Organic peroxides	Not applicable
· Substances that are corrosive to metals and mixtures	Not applicable
· Desensitized substances/mixtures and products containing explosives	Not applicable

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition/conditions to be avoided:**
No decomposition if used as intended.
- **10.3 Possibility of hazardous reactions** No hazardous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No hazardous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes within the meaning of Regulation (EC) No. 1272/2008**
- **Acute toxicity** Based on the available data, the classification criteria are not met.
- **Skin corrosion/irritation**
Causes skin irritation.
- **Serious eye damage/irritation**
Causes serious eye irritation.
- **Respiratory/skin sensitization**
Based on the available data, the classification criteria are not met.
- **Germ cell mutagenicity**
Not applicable.
Based on the available data, the classification criteria are not met.
- **Carcinogenicity** Based on the available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **Specific target organ toxicity after single exposure** May irritate the respiratory tract.
- **Specific target organ toxicity following repeated exposure**
Based on the available data, the classification criteria are not met.

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- **Aspiration hazard** Based on the available data, the classification criteria are not met.
- **Additional toxicological information:**
- **Acute effects (acute toxicity, irritation and corrosive effects)** Not applicable.
- **Sensitization** Not applicable.
- **Toxicity upon repeated exposure** Not applicable.
- **11.2 Information on other hazards**

· **Endocrine-disrupting properties**

None of the ingredients are included.

SECTION 12: Environmental information

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- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine-disrupting properties**
The product does not contain any substances with endocrine-disrupting properties.
- **12.7 Other adverse effects**
- **Further ecological information:**
- **General information:**
Water hazard class 1 (self-assessment): slightly hazardous to water

SECTION 13: Disposal considerations

- **13.1 Waste treatment procedures**
- **Recommendation:**
Must not be disposed of with household waste. Do not allow to enter the sewage system. Disposal in accordance with official regulations.
- **Untreated packaging:**
The return of packaging materials is regulated by the Dual System Germany (green dot).
- **Recommendation:** Dispose of in accordance with official regulations.

SECTION 14: Transport information

- **14.1 UN number or ID number**
- **ADR/ADN, IMDG, IATA** Not applicable
- **ADN** Not applicable

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· 14.2 Proper UN shipping name · ADR/ADN, ADN, IMDG, IATA	Not applicable
· 14.3 Transport hazard classes · ADR/ADN, ADN, IMDG, IATA · Class	Not applicable
· 14.4 Packaging group · ADR/ADN, IMDG, IATA	Not applicable
· 14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for the user	Not applicable.
· 14.7 Transport in bulk by sea in accordance with IMO instruments	Not applicable.
· UN "Model Regulation":	Not applicable

SECTION 15: Regulatory information

· **15.1 Safety, health, and environmental regulations/specific legislation for the substance or mixture**

- **Directive 2012/18/EU**
- **Specified hazardous substances - ANNEX I** None of the ingredients are included.
- **REGULATION (EC) No. 1907/2006 ANNEX XVII** Restriction conditions: 3

· **Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients are included.

· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVE PRECURSORS (Upper concentration limit for authorization under Article 5(3))**

None of the ingredients are included.

· **Annex II - EXPLOSIVE PRECURSORS SUBJECT TO NOTIFICATION**

None of the ingredients are included.

· **Regulation (EC) No. 273/2004 on drug precursors**

None of the ingredients are included.

· **Regulation (EC) No. 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients are included.

· **National regulations:**

· **Water hazard class:**

Water hazard class (NL): A(4)

WGK 1 (self-classification): slightly hazardous to water.

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· **15.2 Chemical safety assessment:** A chemical safety assessment has not been carried out.

SECTION 16: Other information

The information is based on our current state of knowledge, but does not constitute a guarantee of product properties and does not establish a contractual legal relationship.

· **Relevant phrases**

H315 Causes skin irritation.

H319 Causes serious eye irritation. H335

May cause respiratory irritation.

EUH202 Cyanoacrylate. Danger. Bonds skin and eyelids within seconds. Keep out of reach of children.

· **Classification according to Regulation (EC) No. 1272/2008**

Skin irritation/corrosion

Serious eye damage/eye irritation Specific
target organ toxicity (single exposure)

The classification of the mixture is generally based on the calculation method using substance data in accordance with Regulation (EC) No. 1272/2008.

· **Data sheet issued by:** ARKA Biotechnologie GmbH

· **Contact person:** Christian Weiss

· **Date of creation:** 03.11.2023

· **Version number of previous version:** 1.0

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

GefStoffV: Hazardous Substances Ordinance (Germany)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: Very Persistent and Very Bioaccumulative

Skin Irrit. 2: Skin irritation/corrosion – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3