

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 + Regulation (EU) 2020/878

Version 2.0

Revision: 02.10.2023

Replaced Version 1.0 from 08.06.2017

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

1.1. Product identifier

Article name: ViraClear

Article code: V-UVNPPC

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

Relevant identified use: Sample buffer for reduction of background stains

1.3. Details of the supplier of the safety data sheet

Producer: Viramed Biotech AG
Behringstraße 11
82152 Planegg, Germany

Telephone: +49 (0)89 899 336

E-mail: viramed@viramed.de

1.4. Emergency telephone number

national emergency telephone number (source: ECHA – EUROPEAN CHEMICALS AGENCY)

Austria	+43	(0)	14 06 43 43
Belgium	+32	(0)	70 24 52 45
Bulgaria	+359	(0)	29 15 42 33
Croatia	+385	(0)	12 34 83 42
Czech Republic	+420		22 49 19 29 3
Denmark	+45		82 12 12 12
Estonia	+372	(0)	62 69 39 0
			16 66 2 (national)
Finland	+358	(0)	94 71 97 7
France	+33	(0)	14 54 25 959
Hungary	+36		80 20 11 99
			06 80 20 11 99 (national)
Iceland	+354	(0)	54 32 22 2
Ireland	+353	(0)	18 09 25 66
Latvia	+371		67 04 24 73
Lithuania	+370		52 36 20 52
Malta	+356		24 45 40 30
Netherlands	+31	(0)	30 27 48 888
			<i>(Only for the purpose of informing medical personnel in cases of acute intoxications.)</i>
Norway	+47	(0)	22 59 13 00
Portugal	+351		80 82 50 143
Spain	+34		91 56 20 420
Sweden	+46	(0)	83 31 12 31

Respondent department	Marketing / Sales	Tel. +49 (0)89 899 336
	Monday – Thursday	8:00 a.m. – 4:30 p.m.
	Friday	8:00 a.m. – 2:30 p.m.

SECTION 2: Hazards identification
2.1. Classification of the substance or mixture

The mixture does not meet the criteria for classification in accordance with regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

2.2. Label elements

Not applicable.

2.3. Other hazards

According to our knowledge no specific hazard is associated with the mixture. In general, biological and chemical agents should be handled according to „Good Laboratory Practice (GLP)“ guidelines.

SECTION 3: Composition / information on ingredients
3.1 Substances

This product is a mixture.

3.2. Mixtures

Due to their individual concentrations, declaration of contained substances is not necessary.

SECTION 4: First aid measures
4.1. Description of first aid measures

General advices	Consult a physician. Show this safety data sheet to the responsible physician. Remove product-contaminated clothing and shoes immediately.
After inhalation	After inhalation ensure supply of fresh air. If shortness of breath occurs, consult a physician.
After skin contact	Thoroughly rinse affected areas of skin under running water with soap. In case of a continuing skin irritation consult a physician.
After eye contact	Remove contact lenses. Rinse wide opened eye while protecting uninjured eye for 15 minutes under running water. Consult a physician.
After swallowing	Do not induce vomiting. Never instill anything in an unconscious person by mouth. Rinse mouth with water. Consult a physician.

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

No data available.

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

In case of unconsciousness: Consult emergency physician.

SECTION 5: Firefighting measures
5.1. Extinguishing media
Suitable extinguishing media

Use water mist spray, alcohol resistant foam, extinguishing powder or carbon dioxide.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for firefighters

In case of fire, if necessary, use self-contained breathing apparatus and appropriate protective equipment.

SECTION 6: Accidental release measures
6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Use personal safety equipment.

6.2. Environmental precautions

Do not allow product to enter sewerage system, surface water or ground water.

6.3. Methods and material for containment and cleaning up

Collect mechanically and clean afterwards.

6.4. Reference to other sections

Personal protective equipment:

see SECTION 8

Disposal:

see SECTION 13

SECTION 7: Handling and storage
7.1. Precautions for safe handling

Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.

General hygiene procedures:

- Eating, drinking and smoking are prohibited in areas where work is performed.
- Wash hands after use.
- Remove contaminated clothing and protective equipment before entering eating areas.

7.2. Conditions for safe storage, including any incompatibilities

Store tightly sealed, cool and dry. Accessible only for authorized persons.

Recommended storage temperature: 2 – 8 °C

7.3. Specific end use(s)

Please consider notes in the instruction for use

SECTION 8: Exposure controls / personal protection
8.1. Control parameters
Components that require monitoring of workplace-related limit values

Contains no substances with workplace-related limit values.

8.2. Exposure controls
Suitable technical controlling devices

Please follow the usual instructions when dealing with chemicals. Keep away from food and beverages.

Individual protection measures / personal protective equipment
Eye and face protection

Use tightly fitting protective glasses. For eye protection use only equipment that was tested and approved based on regulatory standards as NIOSH (US) or EN 166 (EU).

Skin protection

Wear protective gloves. Before use, these gloves have to be tested regarding material damages. Use appropriate glove-undress method (without touching the outer glove surface) to avoid skin contact with the product. Disposal of contaminated gloves after use has to be done considering legal regulations and good laboratory practice. Clean and dry hands.

Appropriate protective gloves have to meet specifications of EC-guideline 89/686/EEG and the resulting norm EN 374.

Body protection

Wear lab coat and sturdy shoes. Sort of protective equipment has to be selected based on concentration and amount of dangerous substance at the workplace.

Respiratory protection

If, based on risk assessment, respiratory protection equipment or components are necessary, it has to be

checked and approved regarding to regulatory standards such as NIOSH (US) or CEN (EU).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

a) Physical state	Liquid
b) Colour	Colorless
c) Odour	odourless
d) Melting point / freezing point	No data available.
e) Boiling point or initial boiling point and boiling range	100 °C
f) Flammability	No data available.
g) Lower and upper explosion limit	No data available.
h) Flash point	No data available.
i) Auto-ignition temperature	No data available.
j) Decomposition temperature	No data available.
k) pH	neutral
l) Kinematic viscosity	No data available.
m) Solubility	Water: Complete.
n) Partition coefficient n-octanol / water (log value)	No data available.
o) Vapour pressure	No data available.
p) Density and / or relative density	No data available.
q) Relative vapour density	No data available.
r) Particle characteristics	No data available.

9.2. Other information

No other information.

SECTION 10: Stability and reactivity

10.1. Reactivity

There are no known hazardous reactions.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

Thermal decomposition generates : Carbon oxides (CO, CO₂). Nitrogen oxides. Other toxic fumes.

SECTION 11: Toxicological information

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

a) acute toxicity	No data available.
b) skin corrosion / irritation	No data available.
c) serious eye damage / irritation	No data available.
d) respiratory or skin sensitisation	No data available.
e) germ cell mutagenicity	No data available.
f) carcinogenicity	No component of this product that is present in a concentration equal or more than 0.1 %, is identified by the IARC as estimated, possible or proven carcinogenic product.
g) reproductive toxicity	No data available.
h) STOT-single exposure	No data available.
i) STOT-repeated exposure	No data available.
j) aspiration hazard	No data available.

Symptoms related to the physical, chemical and toxicological characteristics

If inhaled	Can be harmful to health if inhaled. Can cause respiratory tract irritation.
If swallowed	Can be harmful to health if swallowed.
If on skin	Can be harmful to health if absorbed through skin. Can cause skin irritation.
If in eyes	Can cause eye irritation.

Signs and symptoms after exposure

After contact with substance, irritation of skin and allergic reactions are possible.

11.2. Information on other hazard

Additional information

RTECS	No data available.
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SECTION 12: Ecological information

12.1. Toxicity

No data available.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

Mixture contains no substances classified by PBT- or vPvB-Stoff.

12.6. Endocrine disrupting properties

No data available.

12.7. Other adverse effects

Environmental hazard cannot be excluded in case of inappropriate handling or disposal.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product

There are no harmonized regulations on the disposal of chemicals and residual materials in the member states of the EC. Chemicals, which arise as rest materials are normally special waste. The disposal of the latter is regulated by EC member countries as well as by the federal states of the Federal Republic of Germany through corresponding laws and/or regulations. Please contact the responsible office (government authorities or waste disposal companies), which will provide information on disposal.

Residual amounts or non-recyclable solutions have to be collected by approved waste disposal companies. Only approved waste disposal companies are allowed to dispose this material. Disposal into sewerage is not advised.

Contaminated packing

Dispose contaminated packing as unused product.

SECTION 14: Transport information

14.1. UN number

ADR / RID: ---

IMDG: ---

IATA: ---

14.2. UN proper shipping name

ADR / RID: No dangerous goods. IMDG: No dangerous goods.

IATA: No dangerous goods.

14.3. Transport hazard class(es)

ADR / RID: ---

IMDG: ---

IATA: ---

14.4. Packing group

ADR / RID: ---

IMDG: ---

IATA: ---

14.5. Environmental hazards

ADR / RID: No

IMDG Marine pollutant: No

IATA: No

14.6. Special precautions for user

No data available.

14.7. Maritime transport in bulk according to IMO instruments

The cargo is not indented to be carried in bulk.

SECTION 15: Regulatory information

This safety data sheet meets all requirements of the regulation (EC) No. 1907/2006.

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

National regulations of the Federal Republic of Germany

Water pollution class: WGK 1, weak water pollutant in accordance with appendix 4 of VwVwS.

15.2. Chemical safety assessment

A chemical safety assessment was not done.

SECTION 16: Other information

Reason for revision: Section 9.1.
Adaptation of structure to Regulation (EU) 2020/878

Section 11.1.
Adaptation of heading to Regulation (EU) 2020/878

Section 11.2. and Section 12.6.
New section according to Regulation (EU) 2020/878

Section 14.7.
Adaptation of heading to Regulation (EU) 2020/878

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