

Px Viribus Safety Data Sheet

Labelling according to The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019

Control of Substances Hazardous to Health Regulations 2002 (as amended). The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020



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

1.1 Product identifier

Px Viribus

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

Relevant identified uses: Biologically enhanced cleaning formula to naturally remove organic debris.

Uses advised against: Only to be used as a cleaning agent

1.3. Details of the supplier of the safety data sheet

Address: Killgerm Chemicals Ltd, Wakefield Road, Ossett, WF5 9AJ

Tel: +44 (0)1924 268 450

Fax: +44 (0)1924 265 033

Email: technical@killgerm.com

1.4. Emergency telephone number

Killgerm Chemicals Ltd Tel:01924 268452 (Office hours) - Emergency Line 01865407333

Non-medical professionals should seek information by contacting NHS by dialling 111.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not classified as hazardous in accordance with regulation (EC) No.1272/2008

2.2. Label elements

Signal Word: None

Hazard statements: None

Precautionary statements:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

Contains: 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

Safety data sheet for ingredient available on request

2.3. Other hazards

None expected under normal conditions of use. The mixture does not meet the criteria for persistent, bio accumulative toxic or very persistent and very bio accumulative.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

The product is a mixture. It does not contain components classified as hazardous, does not contain hazardous components at levels higher than general/specific thresholds, substances of very high concern, substances classified as PBT/vPvB, substances with national or community workplace TLVs.

SECTION 4: First aid measures

4.1. Description of first aid measures

General: If during or after use/exposure you begin to feel unwell, seek medical attention bringing a copy of the product label/the SDS.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, seek medical advice.

Skin contact: IF ON SKIN (or hair): Wash skin with soap and water. If irritation occurs seek medical advice.

Ingestion: DO NOT induce vomiting. If swallowed and symptoms occur seek medical advice.

Inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Seek Medical Advice.

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

No further relevant information available.

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

Treat symptomatically.

Px Viribus Safety Data Sheet

Labelling according to The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019

Control of Substances Hazardous to Health Regulations 2002 (as amended). The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020



SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing agents: Water spray, foam, dry chemical or carbon dioxide. Fight Larger fires with water spray or Foam

Unsuitable agents: Do not use water jet.

5.2. Special hazards arising from the substance or mixture

If incinerated, product will release the following toxic fumes, Carbon oxides, Sodium Oxides, Sulphur oxides and Nitrogen oxides (NOx).

5.3. Advice for firefighters

Wear self-contained breathing apparatus and appropriate protective equipment.

Fire residues and contaminated extinguishing media should be disposed according to current regulation.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Wear appropriate PPE (See 8.2).

For emergency responders: Wear appropriate PPE (See 8.2).

6.2. Environmental precautions

No special requirements. Do not dispose into sewers or the environment.

6.3. Methods and material for containment and cleaning up

Spillages should be treated with appropriate sorbent (sand, sawdust, diatomaceous earth), gathered to closed and labelled container and safely disposed. Area of spillage should be rinsed with water.

6.4. Reference to other sections

See section 7 for safe handling / See section 8 for protective clothing / See section 13 for disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

No special measures necessary if stored and handled correctly. Read label before use. Use only as intended.

7.2. Conditions for safe storage, including any incompatibilities

Store in original tightly closed container in a secure location away from children and animals when not in use.

Store in a cool dry place. Store away from direct sunlight. Store away from strong acids, strong bases and strong oxidising agents.

7.3. Specific end use(s)

See section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Contains no substances with workplace exposure limits.

8.2. Exposure controls

Where exposure may occur engineering controls should be employed. A risk assessment should be carried out and the following PPE may be appropriate /required.

PPE	Item in use	Spillage
Respiratory	Not required	Not required
Gloves	Not required	Not required.
Overall	Not required	Not required
Goggles	Goggles recommended to EN166	Goggles recommended to EN166

General safety and hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended. Store work clothing separately. Keep away from food, drink, and animal feeding stuffs.

Px Viribus Safety Data Sheet

Labelling according to The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019

Control of Substances Hazardous to Health Regulations 2002 (as amended). The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State:	Gel
Colour:	Orange
Odour:	Mild
Melting point/Freezing point:	Not determined
Boiling point or initial boiling point and boiling range:	>100°C (212°F)
Flammability:	Not applicable
Lower and upper explosion limit:	Not determined
Flash point:	None
Auto-ignition temperature:	Product is not self-igniting
Decomposition temperature:	Not determined
pH:	7
Viscosity:	Not determined
Solubility:	Water: Not miscible or difficult to mix
Partition coefficient n-octanol/water (log value):	Not determined
Vapour pressure:	Not determined
Density and/or relative density:	Not determined
Relative vapour density:	Not determined
Particle characteristics:	Not applicable

9.2 Other Information

Explosive properties:	Product does not present an explosion hazard
Evaporation rate:	Not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

No Further relevant details available.

10.2. Chemical stability

Stable under recommended conditions of storage and handling.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid.

High temperatures and light exposure during storage.

10.5. Incompatible materials

Strong acids, strong bases and strong oxidising agents

10.6. Hazardous decomposition products

If incinerated, product will release the following toxic fumes, Carbon oxides, Sodium Oxides, Sulphur oxides and Nitrogen oxides (NOx).

Px Viribus Safety Data Sheet

Labelling according to The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019

Control of Substances Hazardous to Health Regulations 2002 (as amended). The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020



SECTION 11: Toxicological information

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

- (a) **Acute toxicity**; Based on data available classification criteria are not met.
- (b) **Skin corrosion/irritation**; Based on data available classification criteria are not met.
- (c) **Serious eye damage/irritation**; Based on data available classification criteria are not met.
- (d) **Respiratory or skin sensitisation**; Based on data available classification criteria are not met.
- (e) **Germ cell mutagenicity**; Based on data available classification criteria are not met.
- (f) **Carcinogenicity**; Based on data available classification criteria are not met.
- (g) **Reproductive toxicity**; Based on data available classification criteria are not met.
- (h) **STOT-single exposure**; Based on data available classification criteria are not met.
- (i) **STOT-repeated exposure**; Based on data available classification criteria are not met.
- (j) **Aspiration hazard**; Based on data available classification criteria are not met.

11.2. Other Data

Endocrine disrupting properties; This product contains no known endocrine disruptors.

SECTION 12: Ecological information

12.1. Toxicity

0% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical name CAS No Algae/aquatic plants Fish Crustacea

Ethyl Alcohol 64-17-5

12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Pimephales promelas mg/L LC50 static 9268 - 14221: 48 h Daphnia magna mg/L LC50 2: 48 h Daphnia magna mg/L EC50 Static

Sodium Bicarbonate 144-55-8

8250 - 9000: 96 h Lepomis macrochirus mg/L LC50 static

2350: 48 h Daphnia magna mg/L EC50

Citric acid, anhydrous 77-92-9

1516: 96 h Lepomis macrochirus mg/L LC50

Citral 5392-40-5

16: 72 h Desmodemus subspicatus mg/L EC50 19: 96 h Desmodemus - 7: 48 h Daphnia magna mg/L EC50.

12.2. Persistence and degradability

Product not tested; no data available.

12.3. Bioaccumulative potential

Product not tested; no data available.

12.4. Mobility in soil

Product not tested; no data available.

12.5. Results of PBT and vPvB assessment

No further data available.

12.6. Endocrine disrupting properties

This product does not have any endocrine disrupting properties

12.7. Other adverse effects

No information is available about other adverse effects for the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste product: Waste of the product is not hazardous, dispose via entity authorized to collect waste, transport, waste recovery and disposal. Establish waste code with waste collector. Do not introduce waste of product into sewage. Dispose of waste in accordance with all Local regulations.

Suggested waste code: 16 03 06 organic wastes other than those mentioned in 16 03 05

Disposing of the packaging: Emptied and washed containers may be disposed as municipal waste. In other case treat them as waste of the product. Suggested waste code: 15 01 05 composite packaging.

Px Viribus Safety Data Sheet

Labelling according to The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019

Control of Substances Hazardous to Health Regulations 2002 (as amended). The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020



SECTION 14: Transport information

14.1. UN number or ID number

Not applicable

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es).

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

None

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

Labelling according to The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019

Control of Substances Hazardous to Health Regulations 2002 (as amended).

The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020.

- Refer to other relevant measures such as the Health and Safety at Work etc Act 1974 and the COSHH regulations and guidance.

In line with Commission Regulation (EU) 2020/878

- The information contained in this data sheet does not constitute the user's own assessment of workplace risks as required by legislation.

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: Other information

Use only in accordance with label instructions. Operatives using this product should be trained in its use.

The information in this data sheet should be considered when undertaking a risk assessment under the COSHH regulations.

Ingredient classification data:

No ingredients classified as hazardous

Issue number (date)	Section amended
Issue (Nov 2017)	First creation
Issue (Jan 2021)	Update to layout and minor changes to wording.
Issue (Jan 2022)	Emergency number added – update to section 15 legislation.
Issue (Jul 2024)	Brought in line with (EU) 2020/878
Issue (Sep 2024)	Emergency number updated. Minor layout and wording changes.

This safety data sheet does not constitute a COSHH assessment.

The information contained within this data sheet is strictly for general guidance only and should not be relied upon over and above this. This data sheet is intended to provide general health and safety guidance on the handling, storage and transportation of the preparation. The information provided in this data sheet is accurate at the date of publication and will be updated as and when appropriate. No liability will be accepted by Killgerm Chemicals Limited for any loss, injury or damage arising from any failure to comply with the information and advice contained within this data sheet and/or failure to comply with the manufacturer's guidelines, product label data and any associated technical usage literature.