

ENVIREX +
Code: PF712B

Safety Data Sheet compliant with Regulation (EU) 2020/878

Version **7.1.0**
Creation date : **2022-03-17**
Revision: **2025-10-15**
Print Date : 2025-10-15

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name ENVIREX +

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

Use of the product

Powder
DISINFECTANT DRYING POWDER BASED ON MINERAL COMPLEX FOR
HYGIENE OF BEDDING
CATTLE, PIGS AND POULTRY

Uses advised against

The product must not be used for purposes other than those specified above and in the Product Data Sheet, without first obtaining written handling instructions from the supplier

1.3. Details of the supplier of the safety data sheet

Company identification

Out of hours Emergency Telephone Number +44 (0) 1865 407333
UK - Holchem Laboratories Ltd. Gateway House,
Pilsworth Road, Bury, BL9 8RD
Tel : +44 (0) 1706 222288; e-mail info@holchem.co.uk
EU - HYPRED SAS
55, Boulevard Jules Verger B.P 10180
35803 DINARD Cedex - FRANCE
Tél : +33 (0)2 99 16 50 00 / Fax : +33 (0)2 99 16 50 20
e-mail : kersia@kersia-group.com

1.4. Emergency telephone number

Emergency phone number

Emergency direct number (24 hours a day, 7 days a week) : +44 1273 289451

CARECHEM 24 Great Britain
Tel. +44 1865 407333

NHS : 111

SECTION 2: HAZARDS IDENTIFICATION

ENVIREX +
Code: PF712B

Safety Data Sheet compliant with Regulation (EU) 2020/878

Version 7.1.0
Creation date : 2022-03-17
Revision: 2025-10-15
Print Date : 2025-10-15

2.1. Classification of the substance or mixture

The mixture doesn't meet the classification criteria provided for under Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to 1272/2008/EC Regulation:

Hazard pictograms(s) :

Not concerned

Signal word :

Not concerned

Hazard statement(s) :

EUH 208: Contains Cinnamal. May produce an allergic reaction.

Precautionary statement(s) :

Not concerned

2.3. Other hazards

Inhaling dust from the mix can irritate the respiratory tracts.

The mixture does not contain substance identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. in concentration greater than 0.1%.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable as this involves a mixture.

3.2. Mixtures

ENVIREX +
Code: PF712B

Safety Data Sheet compliant with Regulation (EU) 2020/878

Version 7.1.0
Creation date : 2022-03-17
Revision: 2025-10-15
Print Date : 2025-10-15

Chemical nature of the mixture : Powder

Substance(s)	CAS number(s)	EINECS number(s)	index	No registration REACH	Classification according to Regulation (EC) 1272/2008	SCL M-factor ATE	Type
Cinnamal<0.01%	104-55-2	203-213-9	606-155-00-6		Acute Tox. 4 (dermal) H312 Skin Irrit. 2 H315 Skin Sens. 1A H317 Eye Irrit. 2 H319	C ≥ 0.01% Skin Sens. 1A H317	(1)

Type

- (1) : Substance classified as hazardous for health and/or the environment
(2) : Substance with an exposure limit at the work station.
Substance of very high concern candidate for the authorisation procedure:
(3) : Substance considered as PBT (persistent, bioaccumulable, toxic)
(4) : Substance considered as vPvB (very persistent, very bioaccumulable)
(5) : Substance considered as carcinogenic category 1A
(6) : Substance considered as carcinogenic category 1B
(7) : Substance considered as mutagenic category 1A
(8) : Substance considered as mutagenic category 1B
(9) : Substance considered as reprotoxic category 1A
(10) : Substance considered as reprotoxic category 1B
(11) : Substance considered as endocrine disrupter
(12) : Other substance considered hazardous to health or the environment
(N) : Nanomaterial
(M) : Microorganisms

Full text of H- and EUH- phrases : see section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General indications:

Take the contaminated clothes and shoes off immediately. Wash them before wearing them again.
In case of faintness , get medical advice/attention. Show this safety data sheet to the doctor.

In the event of inhalation :

In the event of respiratory embarrassment, bring the person to the fresh air.

In the event of contact with the skin :

Wash with water.

In the event of contact with the eyes :

Wash with water.

If eye irritation persists: Get medical advice/attention.

In the event of ingestion :

Rinse mouth.

Do NOT induce vomiting.

Get medical advice.

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

ENVIREX +
Code: PF712B

Safety Data Sheet compliant with Regulation (EU) 2020/878

Version **7.1.0**
Creation date : **2022-03-17**
Revision: **2025-10-15**
Print Date : 2025-10-15

Skin contact : non irritating

Eye contact : ENVIREX + is not regarded as a preparation which is irritating to the eyes.

Ingestion : May cause digestive troubles.

Inhalation : May cause respiratory irritation.

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

Treatments : Symptomatic treatment

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media :
Agents compatible with other products involved into fire.
Powder, foam, sand or spray water.

Unsuitable extinguishing media :
High pressure water jet

5.2. Special hazards arising from the substance or mixture

None from our knowledge.
ENVIREX + is non-flammable.

5.3. Advice for firefighters

Wear independent respiratory equipment and protective suit.
Collect contaminated firefighting water separately, must not be discharged into the drains.
Keep containers cool by spraying with water if exposed to fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel :

Avoid the formation of dust.
Evacuate non-essential staff and those not equipped with individual protection apparatus.

6.1.2. For emergency responders :

Evacuate the personnel to a safe location.
Keep people upwind and away from the location of the flow/leak.
Use personal protection equipment.

ENVIREX +
Code: PF712B

Safety Data Sheet compliant with Regulation (EU) 2020/878

Version **7.1.0**
Creation date : **2022-03-17**
Revision: **2025-10-15**
Print Date : 2025-10-15

6.2. Environmental precautions

Intervention limited to trained staff.
Do not discharge the product directly to sewer or to environment.
Take as soon as possible all incompatible materials away.

6.3. Methods and material for containment and cleaning up

Small spillage :
Limit the formation of dust.
Moisten with water.
Recover in a reservoir of help.

Large spillage :
Proceed the same way as in the case of a small discharge.
Never return spills in original containers for re-use.
Keep in suitable, properly labelled and closed containers for disposal.
Mark out and pump in an emergency tank.

6.4. Reference to other sections

Respect protective measures presented at heading 8.
Refer to section 13 for the elimination.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid the formation of dust.
Avoid contact with skin, eyes and clothing.
Do not eat, drink or smoke in work area. Avoid projections during use.

7.2. Conditions for safe storage, including any incompatibilities

7.2.1. Storage :
Keep at moderate temperature in a clean and dry place,

7.2.2. Packaging or wrapping materials :
High density polyethylene recommended.

7.3. Specific end use(s)

No other recommendation.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure limit values :

ENVIREX +
Code: PF712B

Safety Data Sheet compliant with Regulation (EU) 2020/878

Version 7.1.0
Creation date : 2022-03-17
Revision: 2025-10-15
Print Date : 2025-10-15

Substance	CAS number	Country	Type	Value	Unit	Comments	source
Contains no substances with occupational exposure limit values.							

8.2. Exposure controls

According to the requirements of Directive 98/24 /EC, the employer is required to conduct a risk assessment and implement appropriate risks management measures.

* For any situation where the absence of risk is not proven, he must consider the substitution or reduction of risk by improving in priority processes used and collective protection measures. The effectiveness of the solutions implemented will be checked by measurement in comparison to the statutory limit values for substances defined in Section 8.1.

* If the risk remains after these corrective actions, he must always check by routinely measuring compliance with regulatory OEL if they exist in section 8.1 and apply all the individual protective measures given in section 8.2.

* When formalized risk assessment indicates a low risk to workers' health, control of compliance with regulatory OEL may not be considered and all individual protection measures is not always mandatory.

8.2.1. Appropriate engineering controls :

Apply the necessary technical measures to comply with the professional exposure limit values.
Ensure sufficient air exchange and/or exhaust in work areas.

8.2.2. Individual protection measures, such as personal protective equipment :

Eye/face protection :

Wear protective goggles compliant with standard EN ISO 16321-1 if there is a risk of exposure.

Hand protection :

Use chemical resistant gloves approved to EN 374.



Skin protection :

Wear a protective coverall, at least type 4, EN 14605



Respiratory protection :

During handling operations that cause dust to form, wear a half-mask compliant with standard EN 140 or a full mask compliant with standard EN 136 fitted with a filter (compliant with standard EN 143) of type:

P2: Particles, solid aerosols and liquids

ENVIREX +
Code: PF712B

Safety Data Sheet compliant with Regulation (EU) 2020/878

Version 7.1.0
Creation date : 2022-03-17
Revision: 2025-10-15
Print Date : 2025-10-15



Thermal hazards :
Not applicable

Health measures :
Safety shower and eye wash fountain near to workplace.
After using, wash systematically all personal protective equipment.
Handle in accordance with good industrial hygiene practices and the safety instructions.

8.2.3. Environmental exposure controls :

Do not discharge the product directly to sewer or to environment.
The level of risk from secondary exposure via slurry / manure and/or municipal water treatment plant is considered negligible under normal conditions of use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Powder
Colour	Beige
Odour	Characteristic
Odour threshold	Not available
Freezing point	Not applicable
Boiling point	Not applicable
Flammability	Not available
Lower explosive limit	No data
upper explosive limit	No data
Flash point	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Not available
pH value at 10g/l	8±0.5
kinematic viscosity	No data
Solubility in water	Not soluble in water
Partition coefficient: n-octanol/water	Not applicable
Vapour pressure	Not applicable
Mass density	1 g/cm³
Vapour density	Not applicable
Particle characteristics	No data

9.2. Other information

ENVIREX +
Code: PF712B

Safety Data Sheet compliant with Regulation (EU) 2020/878

Version 7.1.0
Creation date : 2022-03-17
Revision: 2025-10-15
Print Date : 2025-10-15

Explosive properties
Oxidising properties
Viscosity
Evaporation rate:

Non-explosive
Not available
Not applicable
Not applicable

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

None under normal conditions of use.

10.2. Chemical stability

Stable in the recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

Stable in the recommended storage and handling conditions.

10.4. Conditions to avoid

None to our knowledge.

10.5. Incompatible materials

Oxidants.

10.6. Hazardous decomposition products

None to our knowledge in standard conditions of use.

These data are given for the concentrated mixture. The use of the mixture under its diluted form must be performed in conformity with data given by the technical data sheet and the technical adviser.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) N°1272/2008

Substance-related data:

Not available

Mix-related data:

Acute toxicity
. Not determined

Skin corrosion/irritation
. The mix is not considered to be corrosive or irritating for the skin under the criteria of Regulation 1272/2008/EC.

Serious damage to eyes/eye irritation
. The mix is not considered to be corrosive for the eyes or capable of causing serious irritation of the eyes under the criteria of Regulation 1272/2008/EC.

Respiratory / skin sensitisation
Skin sensitisation . The mixture is not considered as a skin sensitizer according to 1272/2008/EC Regulation.

ENVIREX +
Code: PF712B

Safety Data Sheet compliant with Regulation (EU) 2020/878

Version **7.1.0**
Creation date : **2022-03-17**
Revision: **2025-10-15**
Print Date : 2025-10-15

Respiratory sensitisation . The mixture is not considered as a respiratory sensitiser according to 1272/2008/EC Regulation.

Mutagenicity
. based on available data, the classification criteria are not met.

Carcinogenicity
. based on available data, the classification criteria are not met.

Reproductive toxicity
. based on available data, the classification criteria are not met.

Specific target organ toxicity - single exposure
. based on available data, the classification criteria are not met.

Specific target organ toxicity - repeated exposure
. based on available data, the classification criteria are not met.

Aspiration hazard
. based on available data, the classification criteria are not met.

Most important symptoms and effects, both acute and delayed :

Skin contact : non irritating

Eye contact : ENVIREX + is not regarded as a preparation which is irritating to the eyes.

Ingestion : May cause digestive troubles.

Inhalation : May cause respiratory irritation.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties
Not concerned

SECTION 12: ECOLOGICAL INFORMATION

12.1. à 12.4. Toxicity - Persistence and degradability - Bioaccumulative potential - Mobility in soil

Substance-related data:
Not available

Mix-related data: :

Acute toxicity
fishes . Not determined
daphnia . Not determined
algae . Not determined

Chronic toxicity
. No data available.

Degradability

ENVIREX +
Code: PF712B

Safety Data Sheet compliant with Regulation (EU) 2020/878

Version **7.1.0**
Creation date : **2022-03-17**
Revision: **2025-10-15**
Print Date : 2025-10-15

. Not determined for the mixture.

Bioaccumulation
. No data available.

Mobility
. No data available.

Conclusion :

The mixture is not considered to be dangerous for the environment according to 1272/2008/EC Regulation.

12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB

12.6 Endocrine disrupting properties

Not concerned

12.7. Other adverse effects

No additional information available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Treatment of the mixture :

Do not discharge the product directly to sewer or to environment.

Comply with Directive 2008/98/EC of 19/11/2008 amended, relating to waste and to Decision 2000/532/EC (amended ultimately by Decision 2014/955/EC) that establishes a list of hazardous waste that must be taken to an approved centre.

Packaging treatment :

Rinse thoroughly the packaging with water and treat the effluent like wastes.

Comply with Directive 2008/98/EC of 19/11/2008 amended, relating to waste and to Decision 2000/532/EC (amended ultimately by Decision 2014/955/EC) that establishes a list of hazardous waste that must be taken to an approved centre.

SECTION 14: TRANSPORT INFORMATION

The product is not classified in accordance with international regulations relating to the transport of dangerous goods.

ROAD TRANSPORT: Rail/Route (RID/ADR)

14.1 UN number or ID number : Not concerned

14.2 UN proper shipping name :
Not concerned

ENVIREX +
Code: PF712B

Safety Data Sheet compliant with Regulation (EU) 2020/878

Version 7.1.0
Creation date : 2022-03-17
Revision: 2025-10-15
Print Date : 2025-10-15

14.3 Transport hazard class(es) :

14.4 Packing group :

Hazard identification number :

Label :

Tunnel code : (-)

14.5 Environmental hazards : No

14.6 Special precautions for user : No information.

Limited Quantity (QL):

MARITIME TRANSPORT : IMDG

14.1 UN number or ID number :Not concerned

14.2 UN proper shipping name : Not concerned

14.3 Transport hazard class(es) :

14.4 Packing group :

14.5 Environmental hazards

Marine pollutant : No

14.6 Special precautions for user : No information.

EmS number :

Comply with the provisions of the IMDG on the physical separation of materials.

Limited Quantity (QL):

14.7 Maritime transport in bulk according to IMO instruments : Not concerned

AIR TRANSPORT : IATA

14.1 UN number or ID number :Not concerned

14.2 UN proper shipping name : Not concerned

14.3 Transport hazard class(es) :

ENVIREX +
Code: PF712B

Safety Data Sheet compliant with Regulation (EU) 2020/878

Version 7.1.0
Creation date : 2022-03-17
Revision: 2025-10-15
Print Date : 2025-10-15

14.4 Packing group :

SECTION 15: REGULATORY INFORMATION

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

Regulation (EU) n°528/2012 concerning the making available on the market and use of biocidal products :
Not concerned

Regulations relating to the hazards from major accidents :
SEVESO 3 Directive (2012/18/EC) : Not concerned

Regulations relating to the classification, packaging and labelling of substances and mixtures :
Regulation (EC) 1272/2008 amended.

Waste regulations :
2008/98/EC Directive amended by 2015/1127/EC Directive - Regulation 1357/2014/EC
Decision 2014/955/EC which establishes the list of hazardous waste.

Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals : Not concerned

Protection of workers :
Directive 98/24/EC of 07/04/1998 on the protection of the health and safety of workers from the risks related to chemical agents at work.

Regulation (EU) 2019/1021 of 20 June 2019 on persistent organic pollutants : Not applicable

Regulation (EC) 1005/2009 amended on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors:
1

Regulation (EC) 648/2004 :
Not concerned

Comply with national and local legislation.

UN Globally Harmonised System (GHS) on Classification and Labelling of Chemical (GB CLP - SI 2020 No. 1567) and UK REACH (SI 2020 No. 1577)

15.2. Chemical safety assessment

This safety data sheet has been drafted taking into account the information from exposure scenarios for the substances making up the mixture.

ENVIREX +
Code: PF712B

Safety Data Sheet compliant with Regulation (EU) 2020/878

Version 7.1.0
Creation date : 2022-03-17
Revision: 2025-10-15
Print Date : 2025-10-15

SECTION 16: OTHER INFORMATION

The safety data sheet is additional to the technical data sheet but does not replace it. The information given here in is to the best of our knowledge correct and is given in good faith. We must also draw the user's attention on potential risks of the product is used for other purposes for which the product is known.

In no way does it exempt users from being aware of and complying with regulations applicable to their activity. It is their sole responsibility to take all necessary precautions in accordance to the usage of the product they are aware of.

Regulations are only stated in order to help users fulfill the duties involved in the use of the product.

This description should not be considered as exhaustive. It does not exempt users from ensuring if other demands need to be complied with-according to other laws than the ones hereby stated and applicable to holding and usage of the product-demands for which they will remain sole responsibility.

The classification of this product has been established in accordance with Regulation (EC) 1272/2008 (CLP) and associated guidance, on the basis of the data available for the substances, mixture and/or calculation method and/or expert judgement.

Section(s) modified compared with the previous version :

SECTION 2: HAZARDS IDENTIFICATION;SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

List of H phrases referred to in section 3 :

Sources of key data used to compile the data sheet :

Historical :

Version 7.1.0

Cancels and replaces previous version 7.0.4