

Trade name:	Gleptoferron 20% Fe	Print date:	01.08.2019
Product No.:	3866	Revision date:	10.07.2019
Version:	1.0 / EN		

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Name:	Gleptoferron 20% Fe
Product no.:	3866
Type:	Mixture
CAS No.:	57680-55-4
REACH Registration No.:	No information available
Other means of identification:	Iron (III)-Dextran-Complex

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

Product uses:	Treatment of anaemia for piglets
Product category:	Active Pharmaceutical Ingredient (API)
Uses advised against:	No information available

1.3 Details of the supplier of the safety data sheet**Supplier**

Name:	Serumwerk Bernburg AG
Address:	Hallesche Landstraße 105b 06406 Bernburg Germany
Telephone:	+49 (0)3471/860-0
Fax:	+49 (0)3471/860-130
E-Mail:	mgille@serumwerk.de

1.4 EMERGENCY TELEPHONE NUMBER:

Supplier contact: +49 (0)361-730730

Monday till Friday at 8:00 to 16:00 UTC+1 (November-March)
Monday till Friday at 8:00 to 16:00 UTC+2 (April-October)

Trade name: Gleptoferron 20% Fe Print date: 01.08.2019
Product No: 3866 Revision date: 10.07.2019
Version: 1.0 / EN

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture:

In accordance to Guideline EG 1272/2008 the product is not classified as hazardous.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS] is not required.

2.3 Other hazards

No information available.

SECTION 3: Composition/information on ingredients

Aqueous solution of the following components:

Component	Index No.	EG No.	CAS No.	Weight %
Gleptoferron	None	None	57680-55-4	47.0 – 53.0
Phenol	604-001-00-2	203-632-7	108-95-2	0.36 – 0.40

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice:

Treat symptomatically and supportively. If medical attention is necessary, provide medical personnel this Safety Data Sheet or the product label.

Inhalation:

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

Trade name:	Gleptoferron 20% Fe	Print date:	01.08.2019
Product No:	3866	Revision date:	10.07.2019
Version:	1.0 / EN		

Skin contact: Remove clothing and/or shoes if necessary. Wash contaminated skin with soap and water. Get medical attention if irritation develops.

Eye contact: In case of contact, immediately flush eyes with water for at least 15 minutes. Get medical attention.

Ingestion: Drink 1 to 2 glasses of water. Do NOT induce vomiting unless to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

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

No information available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Product is not flammable. Use extinguishing media suitable for surrounding materials.

5.2 Special hazards arising from the substance or mixture

Product is not flammable. Under fire conditions CO_x can occur.

5.3 Advice for fire-fighters

Fire fighters should wear positive pressure self-contained breathing apparatus and full turnout gear.

Trade name:	Gleptoferron 20% Fe	Print date:	01.08.2019
Product No:	3866	Revision date:	10.07.2019
Version:	1.0 / EN		

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use suitable protective equipment (see section 8) and keep unprotected persons away. Follow all fire-fighting procedures (see section 5). Leaked material can make floors slippery. Provide sufficient ventilation in closed rooms.

6.2 Environmental precautions

Do not allow material to contaminate ground water system.

6.3 Methods and material for containment and cleaning up

For containment:

Covering drains to avoid contamination to ground water system. Absorb leaked product with liquid-binding material or return in a suitable container for disposal. Dispose contained material by an approved waste company.

For cleaning up:

Clean up with water or an aqueous cleaning solution.

6.4 Reference to other sections

See section 8 for suitable personal protection and exposure controls.
See section 12 for ecological information.
See section 13 for disposal considerations.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures:

Avoid contact with eyes, skin and clothing. Close containers directly after use.

Trade name:	Gleptoferron 20% Fe	Print date:	01.08.2019
Product No:	3866	Revision date:	10.07.2019
Version:	1.0 / EN		

Advice on general occupational hygiene: Wash thoroughly after handling. Do not drink or eat during handling. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions: Keep container tightly closed in a dry ventilated storing area. Avoid freezing condition.

Packaging materials: suitable for storing is Polyethylene, Polypropylene, Stainless steel (at least AISI 304)

Requirements for storage rooms and vessels: Freezing conditions could cause a leak in the original container

Further information on storage conditions: No information available

7.3 Specific end uses

Active pharmaceutical ingredient (API). Used for the preparation of veterinary pharmaceuticals against anaemia of piglet. Only industrial and commercial use.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

The product contains phenol (see section 3).

As supplied, there are no information available, that exposure limits for phenol could be exceeded.

For information the exposure limit for phenol are listet below :

Occupational exposure limits phenol:	Europe: IOELV: STEL 16 mg/m ³ ; 4 ppm Europe: IOELV: TWA 8 mg/m ³ ; 2 ppm
Biological exposure limits phenol:	Germany: TRGS 903 120 mg/g Creatinin in urine at the end of exposure resp. end of shift
Additional Information phenol:	DNEL long-term, worker, inhalative, 8 mg/m ³ DNEL long-term, worker, dermal, 1.23 mg/kg bw/d PNEC water (freshwater): 0.0077 mg/L PNEC water (seawater): 0.00077 mg/L PNEC sediment (freshwater): 0.0915 mg/kg dwt. PNEC sediment (seawater): 0.00915 mg/kg dwt. PNEC soil: 0,136 mg/kg dwt.

Trade name:	Gleptoferron 20% Fe	Print date:	01.08.2019
Product No:	3866	Revision date:	10.07.2019
Version:	1.0 / EN		

8.2 Exposure controls

Appropriate engineering controls:	The usual precautions when handling chemicals must be observed. Avoid contact with skin, eyes and clothing. Provide suitable ventilation.
Personal protective equipment:	
Eye / face protection:	Dense-closing safety glasses
Hand protection:	Use chemical resistant gloves
Respiratory protection:	No personal respiratory protection normally required.
Skin and body protection:	Work uniform or laboratory coat. Additional body garments should be used based upon the task being performed (e.g., apron, gauntlets, disposable suits).
Environmental exposure controls:	Do not allow material to contaminate ground water system

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	liquid
Appearance/colour:	dark brown solution
Odor:	characteristic
pH-value:	5.2 - 6.2
Density:	1.250 – 1.370 g/100ml
Viscosity:	n.m.t 35 mm ² /s (20°C)
Melting point:	No information available
Boiling point:	No information available
Flash point:	No information available
Flammability:	No information available
Evaporation rate:	No information available
Flammable limit in air (upper):	No information available
Flammable limit in air (lower):	No information available
Solubility:	soluble in water
Autoignition temperature:	No information available
Explosive properties:	No information available
Oxidizing properties:	No information available
Decomposition temperature:	No information available

Trade name:	Gleptoferron 20% Fe	Print date:	01.08.2019
Product No:	3866	Revision date:	10.07.2019
Version:	1.0 / EN		

Vapour pressure: No information available
Vapour density: No information available

9.2 Other information

No further information available

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

Do not freeze

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

No data available

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Product No:	3866	Revision date:	10.07.2019
Version:	1.0 / EN		

SECTION 11: Toxicological information

Acute toxicity:	LD ₅₀ /i.p. 1000-2500 mg Fe/kg bw
Sensitizing effect:	Product contains 19.00-21.00 g Fe (III)/100ml
Carcinogenic effects:	Product is not suspected of sensitizing effect. Product is not suspected of carcinogenic effect.

SECTION 12: Ecological information

Toxicity:	No Information available
Persistence and degradability:	No Information available
Bioaccumulative potential:	No Information available
Mobility in soil:	No Information available
Results of PBT and vPvB assessment:	No Information available
Other adverse effects:	This product does not contain any known or suspected endocrine disruptors.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste form residues / unused material:	In accordance to local and national requirements.
Contaminated Packaging:	In accordance to local and national requirements.

13.2 Additional Information:

No Information available.

SECTION 14: Transport information

Classification according ADR/RID:	No dangerous good in accordance to this regulation.
Classification according IMO-IMDG:	No dangerous good in accordance to this regulation.

Trade name:	Gleptoferron 20% Fe	Print date:	01.08.2019
Product No:	3866	Revision date:	10.07.2019
Version:	1.0 / EN		

Classification according IATA/ICAO: No dangerous good in accordance to this regulation.

SECTION 15: Regulatory information

Classification in accordance to EG 1272/2008: This product is not classified as hazardous. Nevertheless we recommend the following safety advices:

P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302: IF ON SKIN:

Chemical Safety Assessment: For this substance a chemical safety assessment is not required.

SECTION 16: Other information

Training advice

Personal have to be trained initial before handling, storage or use about the properties of this product as well as the necessary measures to guaranty the safety of personal and environment.

Further information

The information in this safety data sheet corresponds to our findings at the time of printing. The information shall provide you with information on the safe handling of the product mentioned in this safety data sheet during storage, processing, transport and disposal. The information is not transferable to other products. Insofar as the product is mixed, mixed or processed or subjected to processing, the information in this safety data sheet, unless expressly stated otherwise, may not be based on the new material can be transferred.

The information do not represent an assurance of the characteristics of the product in the sense of a law warranty.