Safety data sheet
according to 1907/2006/EC, Article 31

Revision: (06/09/2019)

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

1.1 Product identifier

Trade name: Blod-Stopp (Ferric Subsulfate 10-Hydrate)

Article number: *V29*
CAS Number: *1310-45-8*
EC number: *215-179-2*

1.2 Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.
Application of the substance/the mixture
Pharma Active ingredients

1.3 Details of the supplier of the safety data sheet – Manufacturer/Supplier:
Invicta Animal Health Ltd
Unit 6 Shiprods Farm
Bashurst Hill
West Sussex RH13 0PD
+44 01403 791313
mail@invictavet.com

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008
The substance is not classified according to the CLP regulation.
Classification according to Directive 67/548/EEC or Directive 1999/45/EC
Not applicable.
Information concerning particular hazards for human and environment:
Not applicable.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 *Void*
Hazard pictograms *Void*
Signal word *Void*
Hazard statements *Void*

2.3 Other hazards
Results of PBT and vPvB assessment
PBT: *Not applicable.*
vPvB: *Not applicable.*

Section 3: Composition/information on ingredients

3.1 Chemical characterization: Substances
CAS No. Description
1310-45-8 Ferric Subsulfate 10-Hydrate
Identification number(s)
EC number: *215-179-2*

Section 4: First aid measures

4.1 Description of first aid measures
General information: *Immediately remove any clothing soiled by the product.*
After inhalation: *Supply fresh air; consult doctor in case of complaints.*
After skin contact: *Immediately wash with water and soap and rinse thoroughly.*
After eye contact: *Rinse opened eye for several minutes under running water then consult a doctor.*
After swallowing: *If symptoms persist consult doctor.*

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
No further relevant information available.

Section 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing agents: *Use fire extinguishing methods suitable to surrounding conditions.*

5.2 Special hazards arising from the substance or mixture
In case of fire, the following can be released: Sulphur dioxide (SO2)

5.3 Advice for firefighters:
Protective equipment:
Do not inhale explosion gases or combustion gases.
Wear self-contained respiratory protective device.

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 sewers/surface or ground water.*
6.3 Methods and material for containment and cleaning up: *Pick up mechanically.*
6.4 Reference to other sections: *No dangerous substances are released.*

Section 7: Handling and storage

7.1 Precautions for safe handling *Thorough dedusting.*
Information about fire – and explosion protection: *No special measures required.*
7.2 Conditions for safe storage, including any incompatibilities
Storage:
Requirements to be met by storerooms and receptables: *No special requirements.*
Information about storage in one common storage facility: *Not required.*

Further information about storage conditions: *None.*

7.3 ***Specific end use(s):*** *No further relevant information available.*

Section 8: Exposure controls/personal protection

Additional information about design of technical facilities: *No further data; see item 7.*

8.1 ***Control parameters***
Ingredients with limit values that require monitoring at the workplace: *Not required.*
Additional information: *The lists valid during the making were used as basis.*

8.2 ***Exposure controls***
Personal protective equipment:
General protective and hygienic measures: *The usual precautionary measures are to be adhered to when handling chemicals.*
Respiratory protection: *Not required.*
Protection of hands: *The glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture.*
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
Material of gloves: *The selection of the suitable gloves does not only depend on the material, but also on the further marks of quality and varies from manufacturer to manufacturer.*
Penetration time of glove material: *The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.*
Eye protection: *Safety glasses*
Body protection: *Protective work clothing*

Section 9: Physical and chemical properties

9.1 ***Information on basic physical and chemical properties***
General information
Appearance:

Form:	*Powder*
Colour:	*Yellow-brown*
Odour:	*Nearly odourless*
Odour threshold:	*Not determined.*
pH-value (50g/l)at 20°C:	*ca. 2*
Change in condition	
Melting point/Melting range:	*Undetermined.*
Boiling point/Boiling range:	*Undetermined.*
Flash point:	*Not applicable.*
Flammability (solid, gaseous):	*Not determined.*
Ignition temperature:	
Decomposition temperature:	*Not determined.*
Self-igniting:	*Not determined.*

Danger of explosion:	*Not determined.*
Explosion limits:	
Lower:	*Not determined.*
Upper:	*Not determined.*
Vapour pressure:	*Not applicable.*
Density:	*Not determined.*
Relative density	*Not determined.*
Vapour density	*Not applicable.*
Evaporation rate	*Not applicable.*
Solubility in / Miscibility with water	*Fully miscible.*
Partition coefficient (n-octanol/water):	*Not determined.*
Viscosity:	
Dynamic:	*Not applicable.*
Kinematic:	*Not applicable.*

9.2 Other information *No further relevant information available.*

Section 10: Stability and reactivity

10.1 Reactivity
10.2 Chemical stability
Thermal decomposition/conditions to be avoided:
No decomposition if used according to specifications.
10.3 Possibility of hazardous reactions: *No dangerous 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: *Sulphur oxides (SOx)*

Section 11: Toxicological information

11.1 Information on toxicological effects
Acute toxicity:
Primary irritant effect:
On the skin: *Irritant to skin and mucous membranes.*
On the eye: *Irritating effect.*
Sensitization: *No sensitizing effects known.*
Additional toxicological information:
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.
The substance is not subject to classification according to the latest version of the EU lists.

Section 12: Ecological information

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.*
Additional ecological information:
General notes:
Water hazard class 1 (German Regulation) (Self-Assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
12.5 ***Results of PBT and vPvB assessment***
PBT: *Not applicable.*
vPvB: *Not applicable.*
12.6 ***Other adverse effects:*** *No further relevant information available.*

Section 13: Disposal considerations

13.1 ***Waste treatment methods***
Recommendation: *Smaller quantities can be disposed of with household waste.*
Uncleaned packaging:
Recommendation: *Disposal must be made according to official regulations.*
Recommended cleansing agents: *Water, if necessary together with cleansing agents.*

Section 14: Transport information

14.1	***UN-Number***	
	ADR, AND, IMDG, IATA	*Void*
14.2	***UN proper shipping name***	
	ADR, AND, IMDG, IATA	*Void*
14.3	***Transport hazard class(es)***	
	ADR, AND, IMDG, IATA Class	*Void*
14.4	***Packing group***	
	ADR, IMDG, IATA	*Void*
14.5	***Environmental hazards:***	
	Marine pollutant:	*No*
14.6	***Special precautions for user***	*Not applicable*
14.7	***Transport in bulk according to Annex II***	
	of MARPOL73/78 and the IBC Code	*Not applicable*
	Transport/Additional information:	*Not dangerous according to the above specifications.*
	UN "Model Regulation":	-

Section 15: Regulatory information

15.1 ***Safety, health and environmental regulations/legislation specific for the substance or mixture:***
No further relevant information available.
15.2 ***Chemical safety assessment:*** *Not applicable.*

Section 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Safety data sheet
according to 1907/2006/EC, Article 31

Department issuing MSDS: *Product safety department*
Contact:
Abbreviations and acronyms:
ADR: Accord europeen sur le transport 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
CAS: Chemical Abstracts Service (division of the American Chemical Society)