

SAFETY DATA SHEET

Version: 01.01.2017

In accordance with 1907/2006/EG, Article 31

1. IDENTIFICATION OF PRODUCT AND COMPANY

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|------------------------------------|---|
| Product name: | ANOVET[®] |
| Utilization of the product: | Promotes healthier environments in animal care, helping prevent infectious diseases thus reducing mortality rate, can be used in fodder to reduce drug addition, requiring low application concentrations for efficiency. |
| Brand: | ANOVET[®] |
| Manufacturer / Supplier: | Ecabiotec Middle East Manufacturing LLC 98901 Dubai, United Arab Emirates under license of Ecabiotec AG, Germany Tel. +971 4 429 11 34 Fax +971 4 429 11 34 |
| Emergency information: | +971 55 66 95 910 |

2. HAZARDS IDENTIFICATION

CLASSIFICATION OF PRODUCT

CLASSIFICATION ACCORDING TO GUIDELINE 67/548/EEC OR 1999/45/EC:

Not applicable

SPECIAL HAZARD NOTES FOR HUMANS AND ENVIRONMENT:

According to the current regulations ((EC) Nr. 1272/2008, Globally Harmonised System of Classification and Labelling of Chemicals respectively Regulation on Classification, Labelling and Packaging of Substances and Mixtures) there is no labelling requirement for the product.

CLASSIFICATION SYSTEM:

Classification complies with actual EC-regulations. Amended statements from specialist literature and manufacturer are added.

SUPPLEMENTAL HAZARD INFORMATION (EU):

EUH031 Contact with acids liberates toxic gas.

Contains no Polybutylenterephthalates (PBT) or very persistent and very bioaccumulative (vPvB) substances in accordance with the REACH criteria.

LABEL ELEMENTS

LABELLING ACCORDING TO EEC-GUIDELINES:

According to the current EC-regulations / Ordinance on Hazardous Substances there is no labelling requirement for the product. For handling chemicals take common precautions.

3. COMPOSITION / SPECIFICATIONS REF. THE INGREDIENTS

CHEMICAL CHARACTERIZATION

Description: Mixture
Ingredients: Electrochemically activated table salt solution, pH 7 – 8

| Component | Concentration | Cas-Nr. | Labelling | R-phrases |
|---|---|-----------|-----------|-----------|
| Sodium hypochlorite | 0,02 - 0,08 % 200 - 800 mg/L | 7681-52-9 | - | - |
| Sodium chloride | 0,8 % 8,0 g/L | 7647-14-5 | - | - |
| Sum parameter | | | | |
| Sodium hypochlorite as active chlorine | 200 – 800 mg/L | | | |
| ORP (Ag/AgCl-electrodes) | 450-550 mV (Concentrated) / 90-140 mV (Diluted) | | | |

Additional references: None

4. FIRST AID MEASURES

General advice: No special measurements required
In case of eye contact: In case of unpleasing sensations rinse thoroughly with plenty of water
In case of skin contact: In case of unpleasing sensations rinse with water
If inhaled: Not applicable
If swallowed: Drink plenty of water
Note for physicians: Not applicable

5. FIREFIGHTING MEASURES

Suitable extinguishing media: Not applicable, product doesn't burn
Unsuitable extinguishing media: None
Spezial protective equipment: None
Special risks during fire-fighting: None
Further information: None

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid contact with eyes
protective equipment: None, dilute product with water
Environmental precautions: No special measurements requested
Methods and materials for containment and cleaning up: Rinse with water

7. HANDLING AND STORAGE

| | |
|--|--|
| Precautions for safe handling: | Avoid contact with eyes |
| Conditions for safe storage: | Store at room temperature, keep containers closed |
| Requirements for storage rooms: | No special requirements |
| Note for clustering: | Do not store near acids. |
| Recommended storage conditions: | Protect from solar irradiation and freezing, recommended storage temperature 5 to 25°C |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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|--|--|
| Appropriate engineering controls: | Handle in accordance with good industrial hygiene and safety practice. |
| Respiratory protection: | Needless |
| Skin protection: | Nitrile rubber gloves during long-lasting handling of undiluted product are recommended, apart from that needless. |
| Eye protection: | Wear goggles |
| Body Protection: | Needless |
| General precautions: | Wash hands before breaks and at the end of workday. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|---------------------|
| Appearance: | Fluid |
| Color: | Without color |
| Odour: | Faint odour |
| pH at 25°C: | 7.0 – 8.0 |
| Melting point °C: | 0 to -3 |
| Boiling point °C: | 95 to 100 |
| Flash point °C: | Not applicable |
| Flammability °C: | Not applicable |
| Self-flammable: | Not self-flammable |
| Oxidizing properties: | No fire accelerant |
| Lower explosive limit (Vol. %): | Not applicable |
| Upper explosive limit (Vol. %): | Not applicable |
| Density at 25°C (g/cm³): | 1,001 to 1,004 |
| Water solubility: | Completely miscible |

10. STABILITY AND REACTIVITY

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|--|-------------------------------------|
| Chemical stability: | 12 months (unopened at 20°C) |
| Hazardous decomposition products: | No hazardous decomposition products |
| Incompatible materials: | Avoid contact with acids |

11. TOXICOLOGICAL INFORMATION

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|--------------------------------------|--|
| Acute toxicity: | No data available |
| Acute toxicity of Sodiumhypochlorit: | LD50 (oral mice) 5.800 mg/kg body weight |
| Primary skin irritation: | No irritation |
| Primary eye irritation: | Possible |
| Primary respiratory irritation: | No irritation |
| Allergization: | No data available |
| Germ cell mutagenicity: | No data available |
| Reproductive toxicity: | No data available |
| Practical experience: | No adverse effects reported |
| Additional Information: | No data available |

12. ECOLOGICAL INFORMATION

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|------------------------------------|--|
| Ecotoxic action: | No water hazard |
| Action in sewage works: | Uncritical |
| Mobility in soil: | Uncritical |
| Information for elimination: | As pure mineral product not eliminable |
| Bioaccumulative potential: | No data available |
| Other adverse effects: | No data available |
| Additional ecological information: | No data available |

13. DISPOSAL CONSIDERATIONS

| | |
|------------|---|
| Product: | Dilute with water |
| Packaging: | Dispose PP and PE containers according to local regulations |

14. TRANSPORT INFORMATION

No hazardous material as defined in transportation directives.

15. REGULATORY INFORMATION

| | |
|--|-----------------|
| Classification according to EU Directive 67/548/EEC: | C (base metals) |
| Labelling according Regulation (EC) No 1272/2008: | not applicable |
| water hazard class: | 1 |

16. OTHER INFORMATION

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