

Clinibed 24/7

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 02 March 2012

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:

Version: 2.0

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

1.1. Product identifier

Product form : Mixture
Product name : Clinibed 24/7

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

1.2.1. Relevant identified uses

Use of the substance/mixture : For use in livestock housing to remove moisture from bedding and standing areas

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

GEA Farm Technologies (UK) Ltd
Wylle Works, Watery Lane, Bishopstrow, Warminster, Wiltshire BA12 9HT England

T: +44 (0) 1985 216 444

F: +44 (0) 1985 216 692

E-mail: info.agroserve@geagroup.com

1.4. Emergency telephone number

Emergency number : +44 (0) 870 190 6777 (24 hours, 7 days)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Irrit. 2 H315
Eye Dam. 1 H318
STOT SE 3 H335
Aquatic Chronic 2 H411

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Xi; R41

Xi; R37/38

N; R51/53

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS05

GHS07

GHS09

Signal word (CLP) : Danger

Hazardous ingredients : troclosene sodium, dihydrate, Limestone

Hazard statements (CLP) : H315 - Causes skin irritation
H318 - Causes serious eye damage
H335 - May cause respiratory irritation
H411 - Toxic to aquatic life with long lasting effects

Precautionary statements (CLP) : P261 - Avoid breathing dust
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Clinibed 24/7

Safety Data Sheet

according to Regulation (EC) No. 453/2010

P310 - Immediately call a doctor
P403+P233 - Store in a well-ventilated place. Keep container tightly closed
P501 - Dispose of contents/container to an authorised waste collection point

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Limestone	(CAS No) 1317-65-3 (EC No.) 215-279-6	90 - 100	Xi; R41 Xi; R37/38
Zinc oxide	(CAS No) 1314-13-2 (EC No.) 215-222-5 (EC index No.) 030-013-00-7	0.1 - 1	N; R50/53
troclosene sodium, dihydrate	(CAS No) 51580-86-0 (EC No.) 220-767-7 (EC index No.) 613-030-01-7	0.1 - 1	Xn; R22 R31 Xi; R36/37 N; R50/53
Zinc sulphate	(CAS No) 7733-02-0 (EC No.) 231-793-3 (EC index No.) 030-006-00-9	0.1 - 1	Xn; R22 Xi; R41 N; R50/53

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Limestone	(CAS No) 1317-65-3 (EC No.) 215-279-6	90 - 100	Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335
Zinc oxide	(CAS No) 1314-13-2 (EC No.) 215-222-5 (EC index No.) 030-013-00-7	0.1 - 1	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
troclosene sodium, dihydrate	(CAS No) 51580-86-0 (EC No.) 220-767-7 (EC index No.) 613-030-01-7	0.1 - 1	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Zinc sulphate	(CAS No) 7733-02-0 (EC No.) 231-793-3 (EC index No.) 030-006-00-9	0.1 - 1	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms develop, obtain medical attention.
First-aid measures after skin contact	: Immediately remove contaminated clothing or footwear. Rinse skin with plenty of water or shower. If irritation persists, consult a doctor.
First-aid measures after eye contact	: In case of eye contact, immediately rinse with clean water for 10-15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain immediate medical attention.
First-aid measures after ingestion	: Do NOT induce vomiting. Rinse mouth. Give 100 - 200 ml of water to drink. Do not give an unconscious person anything to drink. If symptoms develop, obtain medical attention.

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

Symptoms/injuries after inhalation	: May cause respiratory irritation.
Symptoms/injuries after skin contact	: Causes skin irritation.
Symptoms/injuries after eye contact	: Causes serious eye damage.

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

Treat symptomatically.

Clinibed 24/7

Safety Data Sheet

according to Regulation (EC) No. 453/2010

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Dry powder. Carbon dioxide.
Unsuitable extinguishing media : Water spray. Do not use water jet.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Not flammable.
Hazardous decomposition products in case of fire : Fire may produce irritating and/or toxic gases.

5.3. Advice for firefighters

- Firefighting instructions : Exercise caution when fighting any chemical fire. Avoid fire-fighting water entering the environment.
Protection during firefighting : Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel. Ensure adequate ventilation.

6.1.2. For emergency responders

- Protective equipment : Wear suitable protective clothing and eye or face protection.
Emergency procedures : Ensure adequate ventilation. Avoid dust formation. Do not breathe dust. Avoid contact with skin and eyes.

6.2. Environmental precautions

Collect spillage. Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if large amounts of the product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Minimize generation of dust.

6.4. Reference to other sections

SECTION 8: Exposure controls/personal protection. SECTION 13: Disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Provide adequate ventilation. Avoid dust formation. Do not breathe dust. Avoid contact with skin, eyes and clothing. Wear suitable protective clothing and eye or face protection.
Hygiene measures : Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store locked up. Store in a well-ventilated place. Keep container tightly closed. Store away from incompatible materials. Keep away from food, drink and animal feeding stuffs.
Incompatible materials : Acids.

7.3. Specific end use(s)

For use in livestock housing to remove moisture from bedding and standing areas.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

- Appropriate engineering controls : Provide adequate ventilation.
Personal protective equipment : Avoid all unnecessary exposure.
Hand protection : Wear rubber gloves. Standard EN 374 - Protective gloves against chemicals. Gloves must be replaced after each use and whenever signs of wear or perforation appear.
Eye protection : Chemical goggles or safety glasses. Standard EN 166 - Personal eye-protection.
Skin and body protection : Long sleeved protective clothing.
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. Standard EN 149 – Respiratory protective devices.
Thermal hazard protection : Not required for normal conditions of use.
Environmental exposure controls : Avoid release to the environment.

Clinibed 24/7

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Other information : Do not eat, drink or smoke during use. Handle in accordance with good industrial hygiene and safety procedures.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Powder.
Colour	: pink.
Odour	: Slight. Earthy.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Insoluble in water.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Not explosive.
Oxidising properties	: Not oxidising.
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with acids liberating carbon dioxide. Contact with acids liberates toxic gas (chlorine).

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Reacts with acids liberating carbon dioxide. Contact with acids liberates toxic gas (chlorine).

10.4. Conditions to avoid

Dust formation.

10.5. Incompatible materials

Acids.

10.6. Hazardous decomposition products

Carbon dioxide. Chlorine. Fire may produce irritating and/or toxic gases.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified
Based on available data, the classification criteria are not met

Zinc oxide (1314-13-2)

LD50 oral rat	> 5000 mg/kg
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Zinc sulphate (7733-02-0)

LD50 oral rat	500 mg/kg
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Skin corrosion/irritation : Causes skin irritation.

Clinibed 24/7

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitisation	: Not classified Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: May cause respiratory irritation.
Specific target organ toxicity (repeated exposure)	: Not classified Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified Based on available data, the classification criteria are not met
Potential adverse human health effects and symptoms	: Causes skin irritation. Causes serious eye damage. Dust from this product may cause respiratory irritation.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - water : Toxic to aquatic life with long lasting effects.

Zinc sulphate (7733-02-0)

LC50 fish	0.03 - 0.05 mg/l 96 h - Oncorhynchus mykiss
EC50 Daphnia	0.538 - 0.908 mg/l 48 h - Daphnia magna
ErC50 (algae)	0.056 mg/l 72 h - Pseudokirchneriella subcapitata

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

Clinibed 24/7

Ecology - soil Insoluble in water.

12.5. Results of PBT and vPvB assessment

Clinibed 24/7

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

: Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods	: Dispose of this material and its container at hazardous or special waste collection point.
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.
Additional information	: Handle empty containers with care.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR)	: 3077
UN-No.(IATA)	: 3077
UN-No. (IMDG)	: 3077

14.2. UN proper shipping name

Proper Shipping Name (ADR/RID)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
Proper Shipping Name (IATA)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
Proper Shipping Name (IMDG)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

Clinibed 24/7

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Transport document description (ADR)

:
UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS ; Zinc sulphate(7733-02-0) ; troclosene sodium, dihydrate(51580-86-0)), 9, III

14.3. Transport hazard class(es)

Class (ADR/RID)

: 9

Class (IATA)

: 9

Class (IMDG)

: 9

Hazard labels (ADR/RID)

: 9



Hazard labels (IATA)

: 9



Danger labels (IMDG)

: 9



14.4. Packing group

Packing group (ADR/RID)

: III

Packing group (IATA)

: III

Packing group (IMDG)

: III

14.5. Environmental hazards

Dangerous for the environment

:



Other information

: No supplementary information available.

14.6. Special precautions for user

Special transport precautions

: No special precautions required.

14.6.1. Overland transport

No additional information available

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

No additional information available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Authorisations and/or restrictions on use (Annex XVII):

3.b. Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	Clinibed 24/7
3.c. Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1	Clinibed 24/7

Contains no substance on the REACH candidate list

Clinibed 24/7

Safety Data Sheet

according to Regulation (EC) No. 453/2010

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of R-, H- and EUH-phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
R22	Harmful if swallowed
R31	Contact with acids liberates toxic gas
R36/37	Irritating to eyes and respiratory system
R37/38	Irritating to respiratory system and skin
R41	Risk of serious damage to eyes
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
N	Dangerous for the environment
Xi	Irritant
Xn	Harmful

NCEC SDS EU (REACH ANNEX II)

The information and recommendations contained herein are based upon data believed to be up-to-date and correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information and recommendations contained herein. We accept no responsibility and disclaim all liability for any harmful effects that may be caused by (incorrect) use, handling, purchase, resale, or exposure to our product. Customers and users of our product must comply with all applicable health and safety laws, regulations, and orders. In particular, they are under an obligation to carry out a risk assessment for the particular work places and to take adequate risk management measures in accordance with the national implementation legislation of EU Directives 89/391 and 98/24.