

MATERIAL SAFETY DATASHEET

Material safety datasheet according to (EF) no. 1907/2006.

POINT 1: Identification of material/compounds and of the company/factory**1.1. Product identifier:**

Market name: Staldren

1.2. Relevant identifying use of the material or compound and the usage that is contraindicated:

Dry hygiene product for stables

1.3. Detailed information about the supplier for the Material Safety Datasheet:

Jorenku A/S

Teglværksvej 11

4733 Tappernøje Tel.: 56214070

Denmark

Responsible for material safety datasheet (e-mail): jorenku@jorenku.dk

1.4. Emergency phone:

In England and Wales: NHS Direct-0845 4647 or 111

In Scotland: NHS 24 – 08454 24 24 24

In Republic or Ireland: 01 809 2166

In N Ireland: contact your local GP or Pharmacist during normal hours. GP services Out- Of- Hours:

Belfast HSC Trust

(Nort & Westh)028 9074 4447

(South & East)- 028 9079 6220

South Eastern HSC Trust

(North Down & Ards) 02 9182 2344

(Lisburg & Downpatrick) 028 9260 2204

Dalrida Urgent Care (northern trust area)

028 2566 3500

Southern HSC Trust

028 3839 9201

Western Urgent Care

028 7186 5195

POINT 2: Identification of danger**2.1. Classification of the material or compound:**

The product is not classified according to applicable regulations

2.2. Label elements

none

2.3. Other dangers:

Not relevant

POINT 3: Compensation of/information about contents**3.2. Compounds:**

No materials with required reporting

POINT 4: First aid measures**4.1. Description of first aid measures:**

Breathing: seek fresh air. If discomfort continues, seek a doctor

Skin: not relevant

Eyes: flush immediately with water or physiological salt water. Remove any contact lenses and wash the eye. With continued irritation, seek a doctor

POINT 4: First aid measures continued

Ingestion: if ingested in large amounts, thoroughly wash the mouth and drink large amounts of water. If unwell, seek a doctor

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

As with all types of powder, this product can cause dust, and thereby cause sneezing, a runny nose and cough if it enters the airways during breathing in. With the eyes, the dust can also cause irritation which feels like a sand grain in the eyes.

4.3. Indication of whether emergency medical attention and special treatment are needed

Not applicable

POINT 5: Fire suppression

5.1. Suppression methods:

Not applicable, since the product does not burn

5.2. Special dangers in connection with the material or compound:

Not applicable

5.3. Indication for a fire department:

Not applicable

POINT 6: Regulations for release or accident

6.1. Personal precautions, personal protective equipment and emergency procedures:

Use personal protective equipment, see POINT 8

6.2. Environmental protection indications:

Not applicable

6.3. Methods and equipment for containment and cleaning:

A spill may be contained mechanically (sweep up) in a container

6.4. References to other POINTS:

Not applicable

POINT 7: Handling and storage

7.1. Regulations for safe handling:

Ensure adequate ventilation. There should be access to water and a possibility for flushing the eyes. Observe good hygiene when using the product. It is advised to only use the product for short periods if it is windy, to avoid significant exposures during use.

7.2. Conditions for safe storage, including any contamination:

Store in a well closed container in a dry and cool place.

7.3. Special usage:

None

POINT 8: Exposure control/Personal protective equipment

8.1. Control parameter:

HSE- Iron Oxide workplace exposure limit, Long-term exposure limit (8-hr TWA reference period) 5 mg.m³. Short-term exposure limit (15 minute reference period) 10 mg.m³

POINT 8: Exposure control/personal protective equipment continued

HSE- Calcium Carbonate inhalable dust respirable under CAS number 1317-65-3. We use in our composition CAS number 471-34-1. workplace exposure limit, Long-term exposure limit (8-hr TWA reference period) 10 mg.m³. (inhalable dust respirable 4 mg. m³)

8.2. Exposure control:

Appropriate engineering controls: Ensure adequate ventilation, especially if the product is blown into the barn.

Personal protective equipment:

Breathing: if ventilation is insufficient or the product is blown out use dust mask FFP2 No. d mask/EN149,

Skin: If there are any allergies it is recommended that plastic gloves be used EN374

Regulations to limit exposure to the environment: none

POINT 9: Physical - chemical characteristics

9.1. Information about basic physical and chemical characteristics:

Appearance: Rust Red powder

Smell: characteristic

Smell threshold (ppm): no data

pH: 7,3%

Melting point/freezing point (°C): Not applicable

Beginning boiling point and boiling point interval (°C): Not applicable

Decomposition temperature (°C): Not applicable

Flame point (°C): Not applicable

Evaporation rate: Not applicable

Flammability (solid material, gas): not flammable

Upper/lower flammability or explosion limits (vol-%): Not applicable

Vapour pressure (Pa, 20°C): Not applicable

Vapour density (air = 1): Not applicable

Relative density (g/ml): 1.073-1.089

Solubility: it is not soluble

Partition coefficient: n-octanol/water, Log K_{ow}: Not applicable

Self-flammability temperature (°C): Not applicable

Viscosity: Not applicable

Explosive characteristics: none

Oxidation characteristics: none

9.2. Other information:

None

POINT 10: Stability and reactivity

10.1. Reactivity:

There are no dangerous reactions associated with the product

POINT 10: Stability and reactivity continued**10.2. Chemical stability:**

The product has a stability of at least 2 years with normal conditions

10.3. Risk of dangerous reactions:

No dangerous reactions

10.4. Conditions that should be avoided:

None

10.5. Materials that should be avoided:

None

10.6. Dangerous decomposition products:

None

POINT 11: Toxicological information**11.1. Information on toxicological effects:**

Danger class	Data	Test	Data source
Acute toxicity: Inhalation	No data	Not applicable 10/072-002P Scantox-Lab no. 12726	
Dermal	LD ₅₀ (Rats) = > 2000 mg/kg		
Oral	LD ₅₀ (Rats) = >2000 mg/kg		
Corrosivity/irritation:	No data	Not applicable	
Sensitisation:	No data	Not applicable	
CMR:	No data	Not applicable	

Unusual exposure methods:

Symptoms: there are no serious symptoms to note

Breathing: No data

Skin: there are no serious symptoms

Eyes: For the eyes, the dust can also enter and cause irritation, that works like a grain of sand in the eye.

Ingestion: No special symptoms to note.

Chronic effects: No data

POINT 12: Environmental information**12.1. Toxicity:**

No materials that are required to be declared

12.2. Persistence and decomposition:

No data

12.3. Bioaccumulation potential:

No data

POINT 12: Environmental information continued**12.4. Mobility in ground:**

No data

12.5. Results of PBT- and vPvB-evaluations:

No data

12.6. Other negative effects:

	Data	Test (Media)	Data source
Honey Bees	LD ₅₀ (Apis melliferra L., 48 hours) = >100 mg/l (108.85µg contact) LD ₅₀ (Apis melliferra L., 48 hours) = >97,62 mg/l (106.26µg Oral)	10/072-116MT	

POINT 13: Conditions related to removal**13.1. Methods for waste handling:**

Remnants, collected spills, etc. can be delivered to an approved landfill.
Packaging may be burned without risk of environmental pollution with appropriate incineration.

EAK codes:
020106
150102

POINT 14: Transport information

This product is not covered by rules for dangerous products, since it is not classified

14.1. UN-no.: Not applicable

14.2. UN-shipment designation (UN proper shipping name): Not applicable

14.3. Transport danger class(es): Not applicable

14.4. Packaging group: Not applicable

14.5. Environmental dangers: None

14.6. Special regulations for the user: None

14.7. Bulk transport in connection with appendix II in MARPOL 73/78 and the IBC-code:
Not applicable

POINT 15: Information about regulations**15.1. Special determinations/special rules for the material or compound with respect to safety, health and environment:**

None

Other marking:

None.

15.2. Chemical safety evaluation:

Not applicable

POINT 16: Other information**Danger conditions given under point 2 and 3:**

None

Abbreviations:

None

Literature:

MSDS from the supplier of the material
10/072002P-Lab research
Lab No 12726-scantox
10/072-116MT-Lab research

Advice on training/instruction:

For correct use of the product staldren, we refer to your general brochures

Further information:

Material Safety Datasheet is completed according to REACH regulations EF no. 1907/2006

Changes from previous version:

Only Name

Completed by: Jorenku A/S, Teglværksvej 11,4733 Tappernøje, Denmark