

## MATERIAL SAFETY DATASHEET

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

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### POINT 1: Identification of material/compounds and of the company/factory

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#### 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:

Public Poison information line: 01 809 21 66 8 am-10pm 7 days a week

National Poison Information Centre: 01 837 9964 or 01 809 2566

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### POINT 2: Identification of danger

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#### 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

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### POINT 3: Compensation of/information about contents

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#### 3.2. Compounds:

No materials with required reporting

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### POINT 4: First aid measures

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#### 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

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

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## POINT 5: Fire suppression

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### 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

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## POINT 6: Regulations for release or accident

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### 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

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## POINT 7: Handling and storage

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### 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

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## POINT 8: Exposure control/Personal protective equipment

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### 8.1. Control parameter:

HSA- Iron Oxide cas. 1309-37-1 is listed on the Chemical Agents COP 2011 , with a limit of 5 mg/m<sup>3</sup> on occupational Exposure Limit value (8-hour reference period), and 10 mg/m<sup>3</sup> Occupational Exposure Limit Value (15-minute reference period)

### 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

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## **POINT 9: Physical - chemical characteristics**

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### **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<sub>ow</sub>: 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

### 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 <sub>50</sub> ( Rats ) = > 2000 mg/kg		
Oral	LD <sub>50</sub> ( 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

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## POINT 12: Environmental information

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### 12.1. Toxicity:

No materials that are required to be declared

### 12.2. Persistence and decomposition:

No data

### 12.3. Bioaccumulation potential:

No data

### 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 <sub>50</sub> ( Apis melliferra L., 48 hours) = >100 mg/l (108.85µg contact) LD <sub>50</sub> ( Apis melliferra L., 48 hours) = >97,62 mg/l (106.26µg Oral)	10/072-116MT	

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## POINT 13: Conditions related to removal

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### 13.1. Methods for waste handling:

EAK codes:

Remnants, collected spills, etc. can be delivered to an approved landfill.

020106

Packaging may be burned without risk of environmental pollution with appropriate incineration.

150102

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## POINT 14: Transport information

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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

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**POINT 15: Information about regulations**

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**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

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**POINT 16: Other information**

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**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:**

Not applicable

Completed by: J.N. Jorenku, Teglvaerksvej 11,4733 Tappernøje, Denmark