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1. Identification of the Substance / Mixture and of the Company / Undertaking:

- 1.1. Product identifier: EQUUCEL
1.2. Relevant identified uses of the substance or mixture and uses advised against: Base animal bedding
1.3. Details of the suppliers of the safety data sheet:

Trade Name: CIUR (UK) Limited
Aberdare Enterprise Centre,
Aberaman, ABERDARE
CF44 6DA, United Kingdom

Contact: Ms. Kath Richards
Telephone: +44 (0) 1685 878 649

Contact: CIUR a.s.
Telephone: Pražská 1012, CZ 250 01
Brandýs nad Labem
Mr. Mojmír Urbánek
+ 420 326 901 462

- 1.4. Emergency telephone number: Medical toxikology information service
Mary Sheridan House
15 St Thomas Street
London SE1 9 RY, UK
+44 (0) 20 7188 0600

Všeobecná fakultní nemocnice v Praze
Toxikologické informační středisko
Na Bojišti 1, CZ- 128 08 Prague
+ 420 224 919 293
+ 420 224 915 402
+ 420 224 964 630

2. Hazard Identification:

- 2.1. Classification of the substance or mixture: Cellulose with Sodium Bicarbonate and Hydrocarbon Wax

2.2. Label elements:

Chemical name: Cellulose cca 88%
Chemical symbol: C₆H₁₀O₅
H - sentences: not applicable
P - sentences: not applicable

Chemical name: Sodium Bicarbonate cca 10%
Chemical symbol: NaHCO₃
H - sentences: not applicable
P - sentences: not applicable

Chemical name: Blend of natural waxes
cca 1,5%
Chemical symbol: x
H - sentences: not applicable
P - sentences: not applicable

3.	<u>Composition / Information on Ingredients:</u>	2/6
3.1.	<u>Substances:</u>	Cellulose with Sodium Bicarbonate, Natural Waxes and ingredients
3.2.	<u>Mixtures dangerous substances:</u>	none (CE 453/2010)
4.	<u>First Aid Measures:</u>	
4.1.	<u>Description of first aid measures:</u>	In case of health problems due to exposure to dust of the dry destroyed product (especially with eye irritation) or when in doubt, consult a doctor.
4.1.1.	If the dust from the product is inhaled:	Move the affected person to the fresh air, wash the face thoroughly with water, rinse the mouth (or nose) with water, rest, do not smoke, with respiratory problems, call medical help.
	If the dust from the from the product has contact with skin:	Shake off the dust from clothing or blow it off, wash the skin with plenty of tepid water or with a mild Soap/detergent, after washing apply a suitable reparation cream.
	In cases of eye contact with dust of the product:	Immediately rinse with clean tepid water thoroughly for 10-15 minutes with eyelids open and seek medical help.
	If the dust of the product is inhaled:	Rinse the mouth with water, and seek medical help.
4.1.2.	Other data:	Immediate medical attention is required. Move the affected person to the fresh air. No specific safety equipment for person providing first aid is required.
4.2.	<u>Most important symptoms and effects, both acute and delayed:</u>	not applicable
4.3.	<u>Indication of any immediate medical attention and special treatment needed:</u>	not applicable
5.	<u>Firefighting Measures:</u>	
5.1.	<u>Extinguishing media:</u>	Water mist, extinguishing powder, foam, carbon dioxide
5.2.	<u>Special hazards arising from the substance or mixture:</u>	In case of a fire, the product may form carbon monoxide and carbon dioxide.
5.3.	<u>Advice for firefighters:</u>	Extinguishing media to avoid: water hose stream. In case of fire wear positive pressure self-contained breathing apparatus, use appropriate protection of respiratory system (insulating means), or whole-body protection.

6. Accidental Release Measures:6.1. Personal precautions, protective equipment and emergency procedures:

Minimize dust! Use personal protective means, follow the instructions of chapters 7 and 8, do not inhale the dust, avoid contact with skin and eyes.
Avoid further dust distribution, for example by wetting the material.

6.2. Environmental precautions:

Prevent wind dispersal of the loose fibrous dust.
Keep away from drainage.
Take up by mechanical means.

6.3. Methods and material for containment and cleaning up:

Sweep the spilled dust from the product up carefully or rather suck it up by a vacuum cleaner with suitable filter, pick large pieces up. Then put this material into labeled containers and dispose - see the point No 13. If sweeping up, spray the material first; never use compressed air for cleaning. Avoid dust formation.
not applicable

6.4. Reference to other sections:**7. Handling and Storage:**7.1. Precautions for safe handling:

Minimize dust at work, avoid contact with skin and eyes, do not inhale the dust, at work use personal Protective equipment listed in point No 8, wash your hands after handling.
Keep bags tightly closed and dry.
Take precautionary measures against static discharges.

7.2. Conditions for safe storage, including any incompatibilities:

Store in original, undamaged packaging, in dry, sheltered and clean stock area, protect from humidity, store away from explosive and oxidation substances, keep away from sources of ignition, do not smoke, do not expose to direct climatic effects.

7.3. Specific end use(s):

not applicable

8. Exposure Controls / Personal Protection:

- 8.1. Control parameters: Provide sufficient ventilation.
- 8.2. Exposure controls:
- 8.2.1. Appropriate engineering controls: Cellulose TRGS900: 6 mg/m³ (general dust limiting value) - for monitoring exposure limits of ingredients of a preparation are only conditionally suitable.
- 8.2.2. Individual protection measures, such as personal protective equipment: Common hygienic precautions, do not eat, drink or smoke during application; wash the hands with warm water and soap after use, eventually apply a suitable preparation means, it is necessary to keep the protective equipment in working order, damaged (for example gloves) or dysfunctional must be immediately replaced.
- a/ Eye / face protection: Protective dustproof glasses.
- b/ Skin protection:
i/ hand protection: Protective gloves.
ii/ other: Suitable protective clothing, firmly fastened to the body at the ends (sleeves, trouser legs, waist) and closed shoes.
- c/ Respiratory protection: Recommended only if pellets are destroyed to the dry dust.
- d/ Thermal hazards: not applicable

9. Physical and Chemical Properties:

- 9.1. Information on basic physical and chemical properties:
- a/ Appearance: Grey pellets
- b/ Odour: characteristic - new paper
- c/ Odour threshold: odorless
- d/ pH: 8.3
- e/ Melting point / freezing point: not applicable
- f/ Initial boiling point and boiling range: not applicable
- g/ Flash point: not applicable
- h/ Evaporation rate: not applicable
- i/ Flammability (solid, gas): E
- j/ Upper / lower flammability or explosive limits: not applicable
- k/ Vapour pressure: not applicable
- l/ Vapour density: not applicable
- m/ Relative density: 500kg/m³
- n/ Solubility: insoluble
- o/ Partition coefficient: n-octanol/water: not applicable
- p/ Auto-ignition temperature: approx. 200°C
- q/ Decomposition temperature: see item 10
- r/ Viscosity: not applicable
- s/ Explosive properties: not applicable
- t/ Oxidizing properties: not applicable
- 9.2. Other information: not applicable

10. Stability and Reactivity:

- 0.1. Reactivity: When stored according to item 7 of this Safety data sheet, the product is stable and spontaneous decomposition does not happen.
- 10.2. Chemical stability: When stored according to item 7 of this Safety data sheet, the product is stable and spontaneous decomposition does not happen.
- 10.3. Possibility of hazardous reactions: Product decomposes at temperatures higher than 150 °C releasing harmful gasses.
- 10.4. Conditions to avoid: see item 7
- 10.5. Incompatible materials: Concentrated acids and lye.
- 10.6. Hazardous decomposition products: not known

11. Toxicological Information:

- 11.1. Information on toxicological effects: Preparation components have no narcotic effects.
- a/ Acute toxicity: Not established for this product.
- b/ Skin corrosion / irritation: Dust from the product is irritant.
- c/ Serious eye damage / irritation: Dust from the product is irritant.
- d/ Respiratory or skin sensitization: Dust from the product is irritant.
- e/ Germ cell mutagenicity: Not established for this product.
- f/ Carcinogenicity: Not established for this product.
- g/ Reproductive toxicity: Not established for this product.
- h/ STOT-single exposure: Not established for this product.
- i/ STOT-repeated exposure: Not established for this product.
- j/ Aspiration hazard: Dust from the product is irritant.

12. Ecological Information:

- 12.1. Toxicity: not tested
- 12.2. Persistence and degradability: not tested
- 12.3. Bio accumulative potential: not tested
- 12.4. Mobility in soil: not tested
- 12.5. Results of PET and vPvB assessment: not tested
- 12.6. Other adverse effects: Not tested

13. Disposal Considerations:

- 13.1. Waste treatment methods: Please comply with the national or regional authorities. Recommended method of disposal is combustion or composting. Contaminated packaging are to be totally emptied, handling is the same as the preparation itself, empty PE packaging can be recycled. Safe handling: please refer to items 7 and 15.

14. Transport Information:

The preparation is not dangerous goods according to the international and national transport regulations. Transport the preparation in common sheltered, clean means of transport, protected against weather effects and direct sunshine.

- 14.1. UN number: not applicable
14.2. UN proper shipping name: not applicable
14.3. Transport hazard class: not applicable
14.4. Packing group: not applicable
14.5. Environmental hazards: not applicable
14.6. Special precautions for users: not applicable
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: not applicable

15. Regulatory Information:

- 15.1. Safety, health and environmental regulation / legislation specific for the substance or mixture: For the distribution or handling please comply with the national (regional) regulations or any other national measures that may be relevant.
- 15.2. Chemical safety assessment: not tested

16. Other Information:

For additional information kindly refer to the attached Specification List.
H-sentences not applicable.
Safety data sheet includes data necessary to ensure the safety and health protection at work and environmental protection.
Stated data corresponds to the actual state of knowledge and experience and are according to the valid legal regulations.
It cannot be considered as a warranty of fitness and usability for any concrete application.