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 Art.-No., product name: **02735 smartwipe®**

**DETAX****1 Identification of the substance / preparation and of the company / undertaking**

- 1.1 Identification of the substance or preparation:
- 1.1.1 Commercial Product Name: smartwipe®
- 1.1.2 Use: Hygienic wipes for hearing aids and earmoulds.
- 1.2 Company / undertaking identification:
- Manufacturer / distributor: DETAX GmbH & Co. KG  
 Street / POB-No.: Carl-Zeiss-Str. 4  
 State / postal code / city: D-76275 Ettlingen  
 Telephone: +49 7243/510-0                      Telefax: +49 7243/510-100

**2 Composition / information on ingredients**

- 2.1 Chemical characterisation (preparation): Description: Wood pulp tissues, soaked with an aqueous-alcoholic solution of quaternary ammonium compounds (c < 1%).
- 2.2 Substances presenting a health hazard:
- |                        | <u>Ethanol</u> | <u>Propyl alcohol</u> |
|------------------------|----------------|-----------------------|
| Concentration:         | 15 – 25%       | 5 - 15%               |
| CAS-No.:               | 64-17-5        | 71-23-8               |
| Identification letter: | F              | F Xi                  |
| EC/R:                  | 11             | 11-41-67              |

**3 Hazards identification**

- 3.1 Critical hazards to man and environment: Risk phrases: 10-41  
 Flammable. Risk of serious damage to eyes.

**4 First aid measures**

- 4.1 General information: Take off immediately all contaminated clothing.
- 4.2 After inhalation: Move immediately to fresh air. In case of respiratory distress seek medical advice.
- 4.3 After contact with the skin: Wash immediately with plenty of water and soap. In case of persisting irritation seek medical advice.
- 4.4 After contact with the eyes: Rinse the open eyes immediately with plenty of water for at least 15 minutes, seek immediately medical advice.
- 4.5 After swallowing: Seek medical advice immediately. Rinse mouth well with water and drink plenty of water. Do not induce vomiting; danger of aspiration.

**5 Fire fighting measures**

- 5.1 Suitable extinguishing media: Water mist, dry powder, foam, carbon dioxide.
- 5.2 Extinguishing media which must not be used for safety reasons: Water jet.
- 5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases: Do not breathe combustion gases.
- 5.4 Special protective equipment for fire fighting: Use respiratory protection independent of recirculated air. Accomplish decontamination by means of explosion-proofed equipment.

**6 Accidental release measures**

- 6.1 Personal precautions: Avoid exposure to the leaked liquid.
- 6.2 Environmental precautions: Observe local bye-laws. Keep away from sewage treatment plants, in-shore waters and earth.
- 6.3 Methods for cleaning up: Absorb with liquid binding material (saw dust, mica, diatomaceous

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earth) and dispose of according to regulations, (smallest amounts also can be wiped up by means of an absorbent cloth).

**7 Handling and storage**

- 7.1 Handling:  
 Precautions for safe handling: Avoid sprinkling and spraying of the cleansing liquid. Avoid contact with eyes, skin and clothing.  
 Precautions against fire and explosion: Keep away from sources of ignition - No smoking. Cool endangered containers with water mist..
- 7.2 Storage:  
 Conditions for storage rooms and vessels: Store in a cool, dry and well ventilated place, away from food-stuffs. Keep containers always tightly closed. Provide for sufficient ventilation.  
 Advice for storage of incompatible materials: Incompatible materials are unknown.  
 Further information for storage: Keep at temperature not exceeding 25 °C / 77 °F .

**8 Exposure controls / personal protection**

- 8.1 Further information for system design and engineering measures: Provide for sufficient ventilation.
- 8.2 Associate substance with specific control parameters such as limit values (Air limits according to TRGS 900):
- | CAS-No. | Substance      | mg/m <sup>3</sup>               |
|---------|----------------|---------------------------------|
| 64-17-5 | Ethanol        | 960 mg/m <sup>3</sup> = 500 ppm |
| 71-23-8 | Propyl alcohol | 250 mg/m <sup>3</sup> = 200 ppm |
- 8.3 Personal protection equipment:  
 General protection and hygiene measures: The usual precautions in handling with cleansing agents are to be observed. Do not breathe vapours.  
 Respiratory protection (filter A): Not necessary, if the wipes are used appropriately.  
 Hand protection: It is recommended to use a skin protection cream.  
 Eye protection: If any sprinkling of the liquid cannot be completely excluded, wear protective glasses.

**9 Physical and chemical properties**

- 9.1 Appearance:  
 Form: white wood pulp tissues, soaked with cleansing liquid.  
 Colour: colourless  
 Odour: lemon fresh
- 9.2 Safety parameters (referring to the cleansing liquid):
- | Parameter                                 | Value   | Method (67 / 548 / EC) |
|---|---|------------------------|
| Change in physical state                  | = Boiling temperature: < 80 °C / 176 °F                         |                        |
| Flash point                               | = 29 °C / 84 °F   | DIN 51755              |
| Inflammability                            | = not available   |                        |
| Ignition temperature                      | = > 350 °C / 662 °F   | DIN 51794              |
| Autoflammability                          | = not available   |                        |
| Oxidising properties                      | = not available   |                        |
| Explosive properties                      | = not available   |                        |
| Explosion limits                          | = not available   |                        |
| Vapour pressure                           | = approx. 15 hPa at 20 °C/68 °F • approx. 7 kPa at 50 °C/122 °F |                        |
| Density                                   | = approx. 0.95 g/cm <sup>3</sup> at 20 °C / 68 °F               | DIN 51757              |
| Solubility in water                       | = miscible  |                        |
| pH-value                                  | = not available   |                        |
| Distribution coefficient octanol / water: | = not available   |                        |
- 9.3 Further information:  
 Thermal decomposition .....: not available

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**DETAX****10 Stability and reactivity**

- 10.1 Conditions to avoid: Unknown.  
 10.2 Materials to avoid: Unknown.  
 10.3 Hazardous decomposition products: None, if stored and handled appropriately.

**11 Toxicological information**

- 11.0 General information: Prolonged, intense contact with the cleansing liquid may cause irritations to the skin and the mucous membranes. Accidental contact with eyes may cause severe eye lesions. After inhalation of large amounts of vapours sleepiness and dizziness may occur.
- 11.1 Acute toxicity:  
 Acute oral toxicity (LD<sub>50</sub>):
- |  |             |
|--|-------------|
| species rat  | 7 060 mg/kg |
| origin: literature                                 |             |
| these data refer to the ingredient ethanol.        |             |
| species rat  | 1 870 mg/kg |
| origin: literature                                 |             |
| these data refer to the ingredient propyl alcohol. |             |

**12 Ecological information**

- 12.1 Information on elimination (persistence and degradability): No data known.
- 12.2 Behaviour in environmental compartments: No data known.
- 12.3 Ecotoxicological effects:  
 Effects in sewage treatment plants (bacteria toxicity: respiration-/reproduction inhibition): Do not introduce large amounts into purification plants.
- 12.4 Further ecological information: Keep away from sewage treatment plants, in-shore waters and earth.

**13 Disposal considerations**

- 13.1 Material: Recommendation: Dispose of according to regulations. Observe the local bye-laws.  
 European Waste Catalogue Ref.No.: 07 06 99 (AVV).
- 13.2 Contaminated packaging: Recommendation: Fully empty containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/national bye-laws.

**14 Transportation information**

- 14.1 Land transportation ADR/RDI and GGVS/GGVE:  
 GGVS/GGVE-class..... : 3 cl.-code F1  
 ADR/RID-class..... : 3 cl.-code F1  
 Transportation emergency card number: 3  
 Warning board - Hazard No.: 30 Substance No.: 1993 PG: III  
 Nomenclature..... : Flammable liquid, n.o.s.  
 Further information..... : Contains ethanol, propyl alcohol  
 Limited Quantities ..... : LQ7 (16 L / 30 kg)
- 14.2 Inland navigation ADN/ADNR:  
 Further information: No data available.

