

Date of print: 2007-10-31
Date of last alteration: 2007-10-31 - Version: English
Art. -No., product name: **02677 preclean**

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: *preclean*
1.1.2 Use: Separating agent for use in audiology.

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: Mixture of aliphatic hydrocarbons with perfume.

2.2 Substances presenting a health hazard: Petroleum ether
Concentration: < 10%
CAS-No.: 64742-49-0
Identification letter: F N Xn
EC/R: 11-51/53-65: Highly flammable. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed.

2.3 Labelling of the preparation: According to EC-guideline 1999/45/EC, the product is not to be labelled.

3 Hazards identification

3.1 Critical hazards to man and environment: Avoid release of larger amounts to the environment.

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: Rinse mouth well with water and drink plenty of water. If you feel unwell, seek medical advice.

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: Unknown.

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.

6 Accidental release measures

6.1 Personal precautions: Avoid exposure to the leaked liquid.

6.2 Environmental precautions: Observe local byelaws. Keep away from sewage treatment plants, in-shore waters and earth.

6.3 Methods for cleaning up: Absorb with liquid binding material (mica, diatomaceous earth) and dispose of according to regulations.

Date of print: 2007-10-31
 Date of last alteration: 2007-10-31 - Version: English
 Art. -No., product name: **02677 preclean**



7 Handling and storage

- 7.1 Handling:
 Precautions for safe handling: Avoid contact with eyes, skin and clothing.
 Precautions against fire and explosion: Cool endangered containers with water. May form explosive mixtures with air.
- 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: Keep away from strong oxidising materials.
 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 ³ |
|------------|-----------------|----------------------------------|
| 64742-49-0 | Petroleum ether | 1000 mg/m ³ = 200 ppm |
- 8.3 Personal protection equipment:
 General protection and hygiene measures: Take off immediately all contaminated clothing. Do not breathe vapours.
 Respiratory protection (filter A): Not necessary, if handled appropriately.
 Hand protection: Protective gloves are recommended (eg of nitrile rubber).
 Eye protection: Protective glasses are recommended.

9 Physical and chemical properties

- 9.1 Appearance:
 Form: liquid
 Colour: yellowish
 Odour: like fruits
- 9.2 Safety parameters:
- | Parameter | Value | Method (67 / 548 / EC) |
|---|---|------------------------|
| Flash point | approx. 125 °C / 257 °F | DIN 51755 |
| Inflammability | not available | |
| Ignition temperature | > 250 °C / 482 °F | DIN 51794 |
| Autoflammability | not available | |
| Oxidising properties | not available | |
| Explosive properties | not available | |
| Explosion limits | not available | |
| Vapour pressure | < 85 hPa at 20 °C / 68 °F | |
| Density | approx. 0.78 g/cm ³ at 20 °C / 68 °F | DIN 51757 |
| Solubility in water | virtually insoluble | |
| pH-value | n.a. | |
| Distribution coefficient octanol / water: | not available | |
| Viscosity | approx. 4 mPa.s at 23 °C / 73 °F | Brookfield |
- 9.3 Further information:
 Thermal decomposition: not available

10 Stability and reactivity

- 10.1 Conditions to avoid: No special conditions.
- 10.2 Materials to avoid: Reacts violently with strong oxidising substances.
- 10.3 Hazardous decomposition products: None, if used appropriately.

Date of print: 2007-10-31
 Date of last alteration: 2007-10-31 - Version: English
 Art. -No., product name: **02677 preclean**

DETAX**11 Toxicological information**

- 11.0 General information: In high concentrations the product may irritate the skin, the eyes and the mucous membranes. In case of aspiration pulmonary oedema and pneumonia may occur.
- 11.1 Acute toxicity:
- Acute oral toxicity (LD₅₀): species rat > 5 700 mg /kg
 origin: literature
 these data refer to the ingredient petroleum ether.
- Acute inhalational toxicity (LC_{L0}): species rat 61 mg / L (4 hours)
 origin: literature
 these data refer to the ingredient petroleum ether.

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: Do not lead into wastewater. Do not introduce into in-shore waters and earth.

13 Disposal considerations

- 13.1 Material: Recommendation: Dispose of according to regulations by incineration in a special waste incinerator. Observe the local byelaws.
- European Waste Catalogue Ref.No.: 07 06 04 (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 byelaws.

14 Transportation information

- 14.1 Land transportation ADR/RDI and GGVS/GGVE:
 GGVS/GGVE-class..... : Non-hazardous material
 ADR/RID-class..... : Non-hazardous material
 Transportation emergency card number:
 Warning board - Hazard No.:
 Nomenclature..... :
 Further information..... :
 Limited Quantities :
- 14.2 Inland navigation ADN/ADNR:
 Further information: Non-hazardous material
- 14.3 Transportation by sea IMDG/GGVsea:
 IMDG/GGVsea-class .. : Non-hazardous material
 EmS-No..... :
 Marine pollutant :
 Proper shipping name.. :
 Technical name..... :
 LTD. QTY..... :

