

W05006, W05008, W05010

**Safety Data Sheet according to the guideline (EC) 1907/2006**

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Date of print: 2011-08-02

Date of last alteration: 2011-07-19 - Version: 1.1 English

**DETAX**

Art.-No., Product name: **02380 / 02644 / 02093** (and further Art.-No.) **classic futur**

**1 Identification of the substance or preparation and of the company**

- 1.1 Identification of the substance/the preparation: Cat. #100 XL-100 Purple  
Commercial Product Name: classic **fuur** # 99 XL-200 Beige  
# 98 XL-300 White
- 1.2 Use of the substance/the preparation: Professional.  
Impression material for use in audiology. USA:
- 1.3 Company / undertaking identification:  
Manufacturer / distributor: DETAX GmbH & Co. KG JKR LABS, INC.  
Street / POB-No.: Carl-Zeiss-Str. 4 10701 W. Kellogg  
State / postal code / city: D-76275 Ettlingen WICHITA, KS 67209  
Telephone: +49 7243/510-0 Telefax: +49 7243/510-100  
E-Mail: post@detax.de
- 1.4 Emergency number: +49 7243/510-0  
This number is only obtainable during office hours (Monday - Thursday 8.00 a.m. - 5.00 p.m., Friday 8.00 a.m. - 4.00 p.m.)

**2 Hazards identification**

- 2.1 Classification: The product is not a hazardous preparation according to the guideline 1999/45/EC.
- 2.2 Critical hazards to man and environment: No special hazards known.

**3 Composition / information on ingredients**

- 3.1 Chemical characterisation (preparation):  
Description: Contains polydimethylsiloxane + fillers and pigment.
- 3.2 Hazardous ingredients: None.

**4 First aid measures**

- 4.1 General information: In case of accident or if you feel unwell, seek medical advice (if possible, show the label or this MSDS).
- 4.2 After inhalation: Provide for fresh air.
- 4.3 After contact with the skin: Remove the product mechanically by means of a cloth or paper. Wash with plenty of water and soap. In case of visible skin reaction or complaints, seek medical advice (if possible, show the label or this MSDS).
- 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: Immediately rinse mouth well with water and drink plenty of water in small portions. Do not induce vomiting. If you feel unwell, seek medical advice.
- 4.6 Autoprotection of the first assistant: Take care of a sufficient autoprotection (hand protection, foil mask "Life key").

**5 Fire fighting measures**

- 5.1 Suitable extinguishing media: Water mist, foam, carbon dioxide, dry powder.
- 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: No special exposure hazards.
- 5.4 Special protective equipment for fire fighting: Use respiratory protection independent of recirculated air.

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## 6 Accidental release measures

- 6.1 Personal precautions: If material is accidentally spilled, refer to the possible danger of skidding. Do not pass through the spilled material.
- 6.2 Environmental precautions: Keep away from sewage treatment plants, in-shore waters and earth. Observe local byelaws.
- 6.3 Methods for cleaning up: Remove mechanically or absorb with liquid binding material (sand, diatomaceous earth, sawdust) and dispose of according to regulations (see section 13).

## 7 Handling and storage

- 7.1 Handling:  
 Precautions for safe handling: The usual precautions in handling with chemicals are to be observed. When using to not eat, drink or smoke.
- Precautions against fire and explosion: The usual precautions in preventive fire protection are to be observed.
- 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. Keep away from humidity.
- 7.3 Definite use: Component B of a silicone based ear impression material for use by trained specialist staff.

## 8 Exposure controls and personal protection

- 8.1 Exposition limit values: No associated substances with specific working place control parameters.
- 8.2 Limitation and control of the exposition
- 8.2.1 Limitation and control of the exposition at the place of work  
 Personal protection equipment:  
 General protection and hygiene measures: The usual precautions in handling with chemicals are to be observed. When using to not eat, drink or smoke.
- Respiratory protection: Not required.
- Hand protection: Protective gloves are recommended, e.g. such as gloves of nitrile rubber.
- Eye protection: To avoid mechanical injuring of the eyes, wear protective goggles.
- Body protection: Wear working clothing.
- 8.2.2 Limitation and control of the environmental exposition: Prevent the material getting into sewage treatment plants, in-shore waters and earth.

## 9 Physical and chemical properties

- 9.1 Appearance  
 Form: paste  
 Colour: violet (upon request also available in yellow, white and beige)  
 Odour: like lemon (yellow: like peppermint)
- 9.2 Important information on health and environmental protection and on safety: Method (67/ 548/EEC)
- Flash point ..... = > 100 °C/212 °F DIN 51755
- Ignition temperature ..... = > 200 °C/392 °F DIN 51794

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Oxidising properties .....	n.a.	
Explosion limits .....	n.a.	
Vapour pressure .....	< 1 hPa at 20 °C/68 °F	
Density .....	approx. 1.2 g/cm³ at 20 °C/68 °F	DIN 51757
Solubility in water .....	virtually insoluble	
pH-value .....	n.a.	
Distribution coefficient octanol / water:	n.a.	
Viscosity .....	approx. 1.8 Mio. mPa.s at 23 °C/73 °F	Brookfield

**9.3 Further information:**

Thermal decomposition .....: = &gt; 250 °C/482 °F

**10 Stability and reactivity**
**10.1 Conditions to avoid:**

Temperatures &gt; 150 °C/302 °F (see section 10.3).

**10.2 Materials to avoid:**

Unknown.

**10.3 Hazardous decomposition products:**

At a temperature of approx. 150 °C/302 °F a small amount of formaldehyde can be released by oxidative degradation.

**11 Toxicological information**
**11.0 General information:**

According to present experience, the material shows no health risk if handled appropriately, observing the usual hygiene at place of work. According to our present knowledge, the material is neither mutagenic nor carcinogenic nor teratogenic.

**11.1 Toxicological tests**

Acute toxicity

Acute oral toxicity:

 For the product itself no toxicological data are available. In products with a comparable composition, a LD<sub>50</sub> (orally, species rat) of more than 5 000 mg/kg has been found.

**12 Ecological information**
**12.1 Ecological toxicity:**

Effects in sewage treatment plants (bacteria toxicity: respiration-/reproduction inhibition):

According to present experience, no adverse effects in sewage treatment plants are to be expected.

**12.2 Mobility:**

The product forms a thin oily layer on the water surface. It is adsorbed by suspended particles. Separation by sedimentation.

**12.3 Persistence and degradability**

Biodegradation / further information:

The product is biologically not degradable. In a certain degree, polydimethylsiloxanes are degradable by abiotic processes.

**12.4 Potential of biological accumulation:**

A biological accumulation is improbable.

**12.5 Other harmful effects:**

Unknown.

**12.6 Further ecotoxicological effects:**

If handled and applied appropriately, no environmental problems are to be expected.

**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 02 17

**13.2 Contaminated packaging:**

Recommendation: Fully empty containers (no tear drops, no

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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..... :

### 14.4 Air transportation ICAO-TI and IATA-DGR transportation by air:

ICAO/IATA-class..... : Non-hazardous material

Proper shipping name.. :

Technical name..... :

Further information:

Air mail transportation .. : permitted

## 15 Regulatory information

### 15.1 National regulations (Germany):

Observe local/national byelaws.

Information for labelling is given in section 2 of this document.

Classification of possible adverse effects in the aquatic environment (WGK):

Class 1 (slight adverse effects in the aquatic environment).

## 16 Other information

### 16.1 Wording of the R-phrases under section 3: None.

### 16.2 Further information

Explanation of the abbreviations:

n.a. = not applicable

n.s. = not subject to

### 16.3 Literature register:

Sicherheitstechnische Kenndaten chemischer Stoffe, ecomed-Verlag, Loseblattsammlung mit Ergänzungslieferungen

Handbuch der Abfallentsorgung, ecomed-Verlag, Loseblattsammlung mit Ergänzungslieferungen

Allgemeine Verwaltungsvorschrift zur Änderung der Verwaltungsvorschrift wassergefährdender Stoffe - VwVwS vom 27. Juli 2005

Safety data sheets and further information from manufacturers / distributors

### 16.4 Product:

The given information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations.



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# Safety Data Sheet according to the guideline (EC) 1907/2006

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 Art. -No., product name: **02382** (and further Art.-No.) **Catalyst paste**

**DETAX**

## 1 Identification of the substance or preparation and of the company


- 1.1 Identification of the substance/the preparation:  
 Commercial Product Name: cat **tutor** / Catalyst paste Cat. #101 XL-100 Catalyst  
 #99B XL-200 Catalyst  
 #98A XL-300 Catalyst
- 1.2 Use of the substance/the preparation: Professional.  
 Impression material for use in audiology. USA:
- 1.3 Company / undertaking identification:  
 Manufacturer / distributor: DETAX GmbH & Co. KG JKR LABS, INC.  
 Street / POB-No.: Carl-Zeiss-Str. 4 10701 W. Kellogg  
 State / postal code / city: D-76275 Ettlingen  
 Telephone: +49 7243/510-0 Telefax: +49 7243/510-106 CHITA, KS 67209  
 E-Mail: post@detax.de
- 1.4 Emergency number: +49 7243/510-0  
 This number is only obtainable during office hours (Monday - Thursday 8.00 a.m. - 5.00 p.m., Friday 8.00 a.m. - 4.00 p.m.).

## 2 Hazards identification

- 2.1 Classification: The product is not a hazardous preparation according to the guideline 1999/45/EC.
- 2.2 Critical hazards to man and environment: If used appropriately, no special hazards known. However, avoid contact with eyes, may cause irritations.  
 Avoid release to the environment.

## 3 Composition / information on ingredients

- 3.1 Chemical characterisation (preparation):  
 Description: Silicon-tin-compound with auxiliary matters and pigment.
- 3.2 Hazardous ingredients:

Ingredient	CAS-No.	EC-No.	Index-No.	Concentration	Hazard symbols	R-Phrases
Alkyl stannosiloxane	93925-42-9	-	-	< 20%		36

- 3.3 Further information: The identification letters and the R-Phrases are described in section 16.

## 4 First aid measures

- 4.1 General information: In case of accident or if you feel unwell, seek medical advice (if possible, show the label or this MSDS). Take off immediately all contaminated clothing.
- 4.2 After inhalation: Provide for fresh air. If a sudden feeling of nausea occurs, seek medical advice.
- 4.3 After contact with the skin: Wash immediately with plenty of water and soap. In case of visible skin reaction or complaints, seek medical advice (if possible, show the label or this MSDS).
- 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 immediately medical advice. Immediately rinse mouth well with water and drink plenty of water in small portions. Do not induce vomiting. In case of spontaneous vomiting take care of an unhindered flow out of the vomit (danger of suffocation).

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4.6 Autoprotection of the first assistant: Take care of a sufficient autoprotection (hand protection, foil mask "Life key").

## 5 Fire fighting measures

5.1 Suitable extinguishing media: Dry powder, carbon dioxide, alcohol-resistant foam.

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. Extinguishing media depend on environmental fire.

5.5 Further information: Collect contaminated extinguishing water separately. Prevent it running into in-shore waters and ground water.

## 6 Accidental release measures

6.1 Personal precautions: Avoid unprotected exposure. Wear suitable protective clothing.

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

6.3 Methods for cleaning up: Absorb with liquid binding material (sand, diatomaceous earth) and collect it in a suitable container, labelled according to regulations (for disposal see section 13).

## 7 Handling and storage

7.1 Handling:  
 Precautions for safe handling: The usual precautions in handling with chemicals are to be observed. When using to not eat, drink or smoke. Avoid contact of the unpolymerised material with eyes, skin and clothing. Do not breathe vapours.

Precautions against fire and explosion: The usual precautions in preventive fire protection are to be observed.

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: Do not store with strong oxidising materials.

Further information for storage: Keep at temperature not exceeding 25 °C / 77 °F.  
 Keep away from humidity.

7.3 Definite use: Component A of a silicone based ear impression material; for use by trained specialist staff.

## 8 Exposure controls and personal protection

8.1 Exposition limit values:  
 Associate substances with specific control parameters such as limit values  
 Air limit value according to TRGS 900: Organotin compounds  
 0.1 mg/m<sup>3</sup>

8.2 Limitation and control of the exposition

8.2.1 Limitation and control of the exposition at the place of work: Exposition limit values must be supervised by means of appropriate analytical equipment.

General protection and hygiene measures: The usual precautions in handling with chemicals must be respec-

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Personal protection equipment:  
 Respiratory protection:

ted. When using to not eat, drink or smoke. Take off immediately all contaminated clothing. Do not breathe vapours. Provide for sufficient ventilation/suction system.

In an emergency (e.g. unintentional release of the product, exceeding the occupational exposure limit values) respiratory protection should be worn. Respiratory protection: Gas filter A. Consider the maximum period for wear.

Hand protection:

Use protective gloves. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

Suitable are gloves of the following material  
 (permeation time  $\geq 8$  hours):

Nitrile rubber/Nitrile latex – NBR (0.35 mm)

Butyl rubber – Butyl (0.5 mm)

Fluoro carbon rubber – FKM (0.4 mm);

(permeation time  $\geq 4$  hours):

Polychloroprene – CR (0.5 mm).

Unsuitable are gloves of the following materials:

Natural rubber/Natural latex - NR; Polyvinyl chloride – PVC.

Textile or leather gloves are completely unsuitable.

The times listed are suggested by measurements taken at 22 °C / 72 °F and constant contact. Temperatures raised by warmed substances, body heat, etc. and a weakening of the effective layer thickness caused by expansion can lead to a significantly shorter breakthrough time.

In case of doubt contact the gloves' manufacturer.

Eye protection:

Wear protective glasses / face protection.

Body protection:

Wear working clothing.

8.2.2 Limitation and control of the environmental exposition: Don't let the material penetrate into sewage treatment plants, in-shore waters and earth.

## 9 Physical and chemical properties

### 9.1 Appearance

Form: paste  
 Colour: blue  
 Odour: characteristic

### 9.2 Important information on health and environmental protection and on safety:

Method (67/548/EEC)

pH-value .....	n.a.	
Boiling point ..... =	> 200 °C / 392 °F	DIN 51356
Flash point ..... =	> 100 °C / 212 °F	DIN 51755
Ignition temperature ..... =	> 300 °C / 572 °F	DIN 51794
Vapour pressure ..... =	< 1 hPa at 20 °C / 68 °F	
Density ..... =	approx. 1.0 g/cm <sup>3</sup> at 20 °C / 68 °F	DIN 51757
Solubility in water ..... =	insoluble	
Distribution coefficient octanol / water:	n.a.	
Viscosity, dynamic ..... =	> 80 000 mPa.s at 23 °C / 73 °F	Brookfield
Explosion limits .....	n.a.	

### 9.3 Further information:

Thermal decomposition ..... = > 250 °C/482 °F

## 10 Stability and reactivity

### 10.1 Conditions to avoid:

Higher temperatures advance the formation of flammable vapours, therefore don't expose the product to increased temperatures.

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10.2 Materials to avoid: Reacts with strong oxidising agents.

10.3 Hazardous decomposition products: No decomposition, If stored and handled in accordance with standard industrial practices.

## 11 Toxicological information

11.0 General information: According to our present experience and the informations we have to hand, the product shows no health risk if handled and applied appropriately.

11.1 Toxicological tests

Acute toxicity

Acute oral toxicity:

For the product itself no toxicological data are available. In products with a comparable composition, a LD<sub>50</sub> (orally, species rat) of more than 2 000 mg/kg has been found.

## 12 Ecological information

12.1 Ecological toxicity:  
Effects in sewage treatment plants (bacteria toxicity: respiration-/reproduction inhibition):  
Do not introduce into purification plants.

12.2 Mobility: No data available.

12.3 Persistence and degradability  
Biodegradation / further information: No data available.

12.4 Potential of biological accumulation: No data available.

12.5 Other harmful effects: Harmful to aquatic organisms. A hazard for drinking water sources is possible when larger quantities get into the ground-water.

12.6 Further ecotoxicological effects: Avoid escape into water, drainage, sewer, or the ground.

## 13 Disposal considerations

13.1 Waste management (product): Recommendation: Handing over to an authorised waste management company.  
Observe the local byelaws.

European Waste Catalogue Ref.No.: Please ask your local waste disposal company about the correct Ref.No. according to the European Waste Catalogue.

13.2 Contaminated packaging: Waste management under the 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 ..... :



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Proper shipping name.. :

Technical name..... :

LTD. QTY..... :

14.4 Air transportation ICAO-TI and IATA-DGR transportation by air:

ICAO/IATA-class..... : Non-hazardous material

Proper shipping name.. :

Technical name ..... :

## 15 Regulatory information

15.1 National regulations (Germany):

Observe local/national byelaws.

Information for labelling is given in section 2 of this document.

Occupational restrictions:

Observe the restrictions on juvenile employment as defined in the „Jugendarbeitsschutzgesetz“.

Observe the restrictions on the employment of expectant and nursing mothers as defined in the „Mutterschutzverordnung“.

Classification of possible adverse effects in the aquatic environment (Wassergefährdungsklasse):

Class 2 (adverse effects in the aquatic environment).

## 16 Other information

16.1 Wording of the R-phrases under section 3:

R-Phrases and identification letters

R-Phrases:

R 36

Irritating to eyes

Identification letters:

Xi

Irritating

16.2 Further information

Explanation of the abbreviations:

n.a. = not applicable

n.s. = not subject to

16.3 Literature register:

 Richtlinie 1999/45/EG für die Einstufung, Verpackung und Kennzeichnung gefährlicher Zubereitungen  
 Sicherheitstechnische Kenndaten chemischer Stoffe, ecomed-Verlag, Loseblattsammlung mit Ergänzungslieferungen

Handbuch der Abfallentsorgung, ecomed-Verlag, Loseblattsammlung mit Ergänzungslieferungen

Allgemeine Verwaltungsvorschrift zur Änderung der Verwaltungsvorschrift wassergefährdender Stoffe - VwVwS vom 27. Juli 2005

Safety data sheets and further information from manufacturers / distributors

16.4 Product:

The given information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations.

This Safety Data Sheet has been adjusted to to the Directive (EC) 453/2010.