Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Material Name / Trade Name	**ALFA Basis Set**
REF-No.	**180001,1800010, 184001, 184000**

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Uses	Only for medical expert groups
Uses advised against	Not for use by laymen

1.3 Details of the supplier of the safety data sheet

Manufacturer / Supplier	Dr. Fooke-Achterrath Laboratorien GmbH Habichtweg 16 D-41468 Neuss Germany
Phone	+49 2131 2984 0
Fax	+49 2131 2984 184
Email-Address	information@fooke-labs.de

1.4 Emergency telephone number

Toxin Information University Bonn	+49 228 19240

Section 2: Hazards identification

2.1 Classification of the substance or mixture

The product is a cassette containing a nitrocellulose membrane which is spotted with proteins and a protein gold conjugate.

The classification of the components can be seen in section 3. The section “Label Elements” displays the resulting labeling of the kit.

No dangerous substance or mixture according to Regulation (EC) 1272/2008.

2.2 Label Elements

The product has no obligation to label according to EC directives.

2.3 Other hazards

None.

Section 3: Composition/information on ingredients

3.1 Substances

The product is a cassette containing a nitrocellulose membrane which is spotted with proteins and a protein gold conjugate.

3.2 Mixtures

Nitrocellulose Membrane

Classification acc. to Regulation (EC) 1272/2008	No dangerous substance or mixture.
Dangerous ingredients	Contains no dangerous ingredients.

Proteins / Protein gold conjugate

Classification acc. to Regulation (EC) 1272/2008	No dangerous substance or mixture.
Dangerous ingredients	Contains no dangerous ingredients.

For the original terms of the hazards and precautionary statements see section 16.

Section 4: First aid measures

4.1 Description of first aid measures

General Instructions	Remove person out of danger area. Do not leave person unattended. In case of continuing discomfort call a physician. In case of unconsciousness apply recovery position and call a physician. Present the material safety data sheet to the attending physician.
After Inhalation	Not relevant for this product. After inhalation of steam or dust bring person to fresh air. In case of breathing arrest ventilate person.
After Skin Contact	Wash affected site with soap and water.
After Eye Contact	Keep affected eye widely open and rinse with plenty of water. Remove contact lenses. Call a physician. Protect unaffected eye.
After Swallowing	Rinse mouth repeatedly with water. Spit water. Never infuse an unconscious person into the mouth.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	Water spray, alcohol-resistant foam, dry extinguishing agent or carbon dioxide.
5.2 Special hazards arising from the substance or mixture	In case of fire dangerous vapours or gases like carbon monoxide, carbon dioxide can develop.
5.3 Advice for firefighters	In case of fire, wear a self-contained breathing apparatus and protective clothing.
5.4 Further Informationen	Collect contaminated fire fighting water. Must not reach the canalization. Dispose fire waste and contaminated fire fighting water according to local regulations.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Not necessary.

6.2 Environmental precautions

Not necessary.

6.3 Methods and material for containment and cleaning up

Conventional cleaning sufficient.

6.4 Reference to other sections

For disposal see section 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

Instructions for safe handling	Avoid contact with eyes and skin. Wear personal protective equipment (see section 8). Follow general hygiene measures.
Instructions for fire protection and explosion control	Do not hold into flames or on glowing objects. Avoid electrostatic discharge. Keep away from flames, hot surfaces and sources of ignition.
General hygiene measures	Do not eat, drink, smoke in working areas. Wash hands after use / work. Remove contaminated clothes or protective equipment before entering areas where you eat.

7.2 Conditions for safe storage, including any incompatibilities

Recommended storage temperature	See label and instructions for use.
Recommended storage conditions	Store in genuine container. Keep container closed and store upright.
Further Instructions	Do not store together with drugs, food or animal feeds.

7.3 Specific end use(s)

For use by medical expert groups. For additional advice see the instructions for use.

Section 8: Exposure controls/personal protection

8.1 Control parameters

The components do not contain substances with occupational exposure limit values.

8.2 Exposure controls / personal protective equipment

Eye protection	Keep a rinse bottle for eyes with pure water in the lab. In case of extrusion wear tight protection goggles, eventually use a face protection shield.
Hand protection	Wear protective gloves. Check the suitability with the supplier of the protective gloves.
Skin and body protection	Wear tight protective clothing (lab coat and lab shoes).
Inhalation protection	Normally no personal inhalation protection required.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Nitrocellulose Membrane

Appearance :	solid
Colour :	white
Odour :	odourless
Odour threshold :	No data available
pH :	N/A
Melting point/freezing point :	No data available
Initial boiling point and boiling range :	No data available
Flash point :	No data available
Evaporation rate :	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	No data available
Vapour pressure :	N/A
Vapour density :	N/A
Relative density :	No data available
Solubility(ies) :	N/A
Partition coefficient: n-octanol/water :	N/A
Auto-ignition temperature :	No data available
Decomposition temperature :	No data available
Viscosity :	N/A
Explosive properties :	No data available
Oxidising properties :	No data available

9.2 Other Information --

Section 10: Stability and reactivity

10.1 Reactivity
No dangerous reactions known in designated use.

10.2 Chemical Stability
Stable under normal conditions according to the instructions for use till the stated date of expiry.

10.3 Possibility of hazardous reactions
No dangerous reactions expected in designated use..

10.4 Conditions to avoid
Heat, Flames and Sparks.

10.5 Incompatible materials
No data available.

10.6 Hazardous decomposition products
No data available.

Section 11: Toxicological information

11.1 Information on toxicological effects

There are no toxicological reports available for this material.

Nitrocellulose Membrane

acute toxicity	No data available
Skin corrosion / irritation	No data available
Serious eye damage / irritation	No data available
Respiratory or skin sensitisation	No data available
Germ cell mutagenicity	No data available
carcinogenicity	No data available
Reproductive toxicity	No data available
STOT – single exposure	No data available
STOT – repeated exposure	No data available
Aspiration hazard	No data available

Section 12: Ecological information

12.1	**Toxicity**	No data avaible
12.2	**Persistence and degradability**	No data avaible
12.3	**Bioaccumulative potential**	No data avaible
12.4	**Mobility in soil**	No data avaible
12.5	**Results of PBT and vPvB assessment**	No data avaible
12.6	**Other adverse effects**	No data avaible

Section 13: Disposal considerations

13.1 Waste treatment methods

Nitrocellulose Membrane	Autoclave used LFA Basis Sets (after applying blood or plasma) as potentially infectious material. Dispose in normal residual waste.
Package Material	Dispose in normal residual waste.

Section 14: Transport information

14.1 UN-Number

ADR: -- IMDG: -- IATA: --

14.2 UN proper shipping name

ADR	Kein Gefahrgut
IMDG	Not dangerous goods
IATA	Not dangerous goods

14.3 Transport hazard class(es)

ADR: -- IMDG: -- IATA: --

14.4 Packing group

ADR: -- IMDG: -- IATA: --

14.5 Environmental hazards none

14.6 Special precautions for user

none

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This Material Safety Data Sheet meets the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical safety assessment

A chemical safety assessment is not required for this product in designated use.

Section 16: Other information

Hazard Statements

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R Phrases

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Other Abbreviations

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Further Information

The information in this material safety data sheet represent our best knowledge at the time of revision. The information shall give you an indication for the safe handling, storage, packaging, transport and disposal of the product mentioned in this data sheet. The information cannot be transferred to other products. If the product mentioned in this data sheet is mixed or processed with other materials or is itself further processed then the information and data in this data sheet cannot be assigned to the new material.