

# Material Safety Data Sheet

acc. to ISO/DIS 11014

Last date of revision: January 05  
Version 1

## 1. Product and Company Information

Product Name	Anhydrotetracycline
Product Number	2-0401-001, 2-0401-002 Component of following Kits: Strep-tag Starter Kit: 2-1101-000 Strep-tag Starter Kit 3C: 2-1102-000 Strep-tag Starter Kit Cartridge: 2-1103-000 up to 2-1106-000 Strep/His Starter Kit: 2-1107-000
Company	IBA GmbH Rudolf-Wissell-Str. 28 37079 Goettingen Germany
Technical Phone	+49-551-50672(0)- 160
Fax	+49-551-50672- 181
Email	info@iba-go.com
Web	www.iba-go.com
Emergency Phone	+49-551-19240 (Poison Information Center Goettingen, Germany, 24h)

## 2. Composition/Information on Ingredients

Product Name		CAS #	EC no	Annex I Index Number
ANHYDR TETRACYCLINE		13803-65-1	None	None
Formula	C <sub>22</sub> H <sub>22</sub> N <sub>2</sub> O <sub>7</sub> .HCl			
Molecular Weight	462.89 AMU			

## 3. Hazards Identification

Inhalation:	May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.
Ingestion:	The toxicological properties of this substance have not been fully investigated.
Skin contact:	May cause skin irritation.
Eye contact:	May cause skin irritation.
Chronic	May cause reproductive and fetal effects.

## 4. First Aid Measures

General information:	No special measures required.
After inhalation:	Supply fresh air; consult doctor in case of complaints.
After skin contact:	Immediately wash with water and soap and rinse thoroughly. If skin irritation persists, call a physician.
After eye contact:	Rinse opened eye for several minutes under running water. Then consult a doctor.
After ingestion:	If swallowed, wash out mouth with water provided person is conscious. Call a physician.

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## 5. Fire Fighting Measures

Extinguishing media	Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.
Measures for cleaning/collecting:	Sweep up, place in a bag and hold for waste disposal. Avoid raising dust.

## 6. Accidental Release Measures

Person-related safety precautions:	Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.
Measures for cleaning/collecting:	Sweep up, place in a bag and hold for waste disposal. Avoid raising dust.

## 7. Handling and Storage

General protective and hygienic measures:	Keep away from foodstuffs and beverages. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.
Protection of hands:	Wear appropriate protective gloves to prevent skin contact. Replace torn or punctured gloves promptly.
Skin and body protection:	Wear appropriate body protection to prevent skin contact.
Eye protection:	Wear appropriate eye protection to prevent eye contact.
Storage:	-20°C, store it in a cool dry place. Do not store in direct sunlight. Store it in a tightly closed container. Keep under a nitrogen blanket.

## 8. Exposure Controls and Personal Protection

General protective and hygienic measures:	Keep away from foodstuffs and beverages. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.
Protection of hands:	Wear appropriate protective gloves to prevent skin contact. Replace torn or punctured gloves promptly.
Skin and body protection:	Wear appropriate body protection to prevent skin contact.
Eye protection:	Wear appropriate eye protection to prevent eye contact.

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## 9. Physical and Chemical Properties

Appearance	Solid, yellow
Property	Value
pH	N/A
BP/BP Range	N/A
MP/MP Range	N/A
Flash Point	N/A
Flammability	N/A
Auto-ignition Temp	Not self-igniting
Oxidizing Properties	N/A
Explosive Properties	Not explosive
Explosion Limits	Not self-igniting
Vapor Pressure	N/A
SG/Density	N/A
Partition Coefficient	N/A
Viscosity	N/A
Vapor Density	N/A
Saturated Vapor Conc.	N/A
Evaporation Rate	N/A
Bulk Density	N/A
Decomposition Temp.	N/A
Solvent Content	N/A
Water Content	N/A
Surface Tension	N/A
Conductivity	N/A
Miscellaneous Data	N/A
Solubility	In water 1:200 m/v

## 10. Stability and Reactivity

Stability:	Stable under normal temperatures and pressures. Materials to Avoid: Incompatible materials, light, exposure to air, exposure to moist air and water Incompatible with strong oxidizing agents.
Polymerization:	None under normal processing.
Hazardous decomposition products:	Hydrogen chloride, Carbon monoxide, Carbon dioxide, Nitrogen oxides.

## 11. Toxicological Information

Not applicable.

Carcinogenicity: CAS 13803-65-1: Not listed as carcinogen by ACGIH, LARC, NIOSH, NTP, OSHA, or CA Prop 65.

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## 12. Ecological Information.

Not applicable.

## 13. Disposal Considerations

Dispose in accordance with applicable laws.

## 14. Transport Information

RID/ADR: Non-hazardous for road transport.  
IMDG: Non-hazardous for sea transport.  
IATA: Non-hazardous for air transport.

## 15. Regulations

European Labelling in Accordance with EC Directives:

Hazard Symbols: XN

Risk Phrases: R 63 Possible risk of harm to the unborn child.

Safety Phrases:

S 36/37 Wear suitable protective clothing and gloves.

S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

WGK (Water Danger/Protection): CAS 13803-65-1: No information found.

United Kingdom Occupational Exposure Limits : No information found.

Canadian DSL/NDSL: Is not listed.

Canadian WHMIS Classifications: No information found

US federal TSCA: Is not listed.

## 16. Other Information

### WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. IBA GmbH shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. Copyright 2004 IBA GmbH. License granted to make unlimited paper copies for internal use only.

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