

# Safety Data Sheet

Testomat Indicator type 300 - 330

Status: 23.05.2006

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## 1. Name of substance, preparation and company

### Product details

**Trade name:** Testomat Indicator type 300 - 330

### Manufacturer:

Gebrüder Heyl GmbH & Co. KG

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31105 Hildesheim, Germany

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## 2. Composition/Ingredient information

### Chemical characterisation

Preparation contains aliphatic amino alcohols, metal-specific indicators, polyethylene glycol (PEG/average molarity 200 - 600), ethylenediaminetetraacetic acid, water

## 3. Possible risks

Irritating to eyes.

## 4. First aid measures

On skin contact: rinse off with large quantities of water and soap

On eye contact: rinse out immediately with large quantities of water (remove contact lenses) and consult a doctor

On swallowing: rinse mouth immediately then drink large quantities of water and consult a doctor

## 5. Fire-fighting measures

Suitable extinguishing agents: powder, foam, water

Special hazards: none known

Substances released by fire: NO x

## 6. Measures if accidental release occurs

Soak up the liquid with absorbant material and dispose of correctly.  
Wash away any residue with water.

## 7. Handling and storage

Handling: avoid contact with skin and eyes  
do not use tools made of aluminium or copper or their alloys

Storage: store tightly sealed in a dark, well ventilated place at room temperature (15 - 25°C)

## 8. Limiting exposure / Protective equipment

Personal safety equipment

Select the appropriate safety equipment for your workplace according to the concentration and amount of hazardous substances. Suitability for the intended use has to be checked with the equipment supplier.

Breathing protection: Not required if proper handling procedures are observed  
Required if vapours/aerosols are released

Eye protection: Protective goggles according to DIN EN 166

Hand protection: Protective gloves according to DIN EN 374

Full contact:	Glove material:	natural latex
	Thickness:	0.6 mm
	Penetration time:	> 480 min

Spray contact:	Glove material:	nitrile rubber
	Thickness:	0.11 mm
	Penetration time:	> 30 min

Hygiene: Change soiled clothing immediately and always wash hands after finishing work and before breaks.

## 9. Physical and chemical properties

Form:	liquid	
Colour:	green	
Odour:	none	
pH-value:	10	(3 g/l in water; 20°C)
Boiling point:	no data available	
Melting point:	no data available	
Flashpoint:	no data available	
Inflammatio	no data available	
Explosibility limits:	lower	no data available
	upper	no data available
Vapour pressure:	no data available	
Density:	1.12 g/cm <sup>3</sup>	(20°C)
Solubility in water:	miscible	(20°C)
Viscosity:	no data available	

## 10. Stability and reactivity

Conditions to be avoided:	Exothermic neutralisation reaction with acids. Under certain conditions possible formation of nitrosamines in the presence of nitrites or reagents causing nitrosation.
Substances to be avoided:	acids, nitrites, reagents causing nitrosation do not use tools made of aluminium or copper or their alloys
Hazardous decomposition products:	NO x

## 11. Toxicological information

The data available to us is not sufficient for a toxicological evaluation.  
Hazardous properties cannot be excluded.  
The usual safety measures for handling chemicals should always be observed.

## 12. Ecological information

No quantitative data available.  
Never allow the substance to enter water, waste water or soil.

## 13. Disposal information

Chemical residues are a problem waste. There are no uniform disposal regulations for this waste within the European Community. Please contact your local authority or waste disposal companies for information about the local disposal regulations of problem waste.

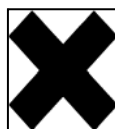
## 14. Transport information

Not classified as a dangerous medium according to ADR/ RID, IMDG, IATA.

## 15. Regulatory information

### Labelling according to EC Directive/German Hazardous Substances Ordinance

Xi



Irritant

R 36 Irritating to eyes.

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

### German regulations

Water pollution class:	Type 300 - 310	1	(VwVwS Appendix 4)
	Type 320 - 330	2	(VwVwS Appendix 4)

### Other national regulations/standards

## 16. Other information

Reason for changes: General revised version

The above information, which reflects our current knowledge and experience, characterises the product with regard to any safety requirements that may be applicable. This does not represent an assurance or guarantee of characteristics.

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Supersedes version dated: 17.09.2003