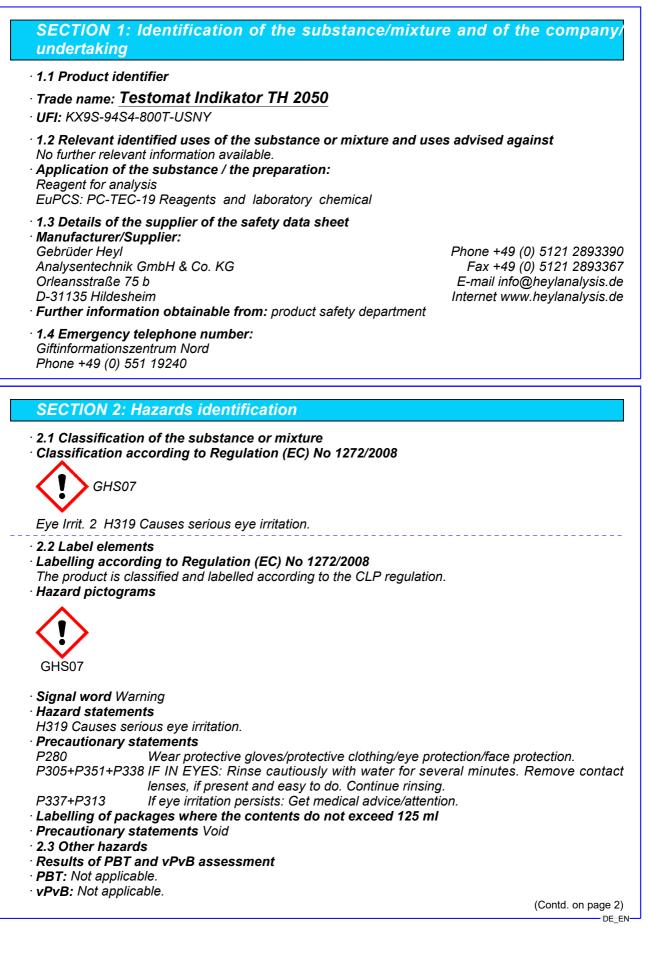
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· Determination of endocrine-disrupting properties Not applicable.

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# SECTION 3: Composition/information on ingredients

- · 3.2 Mixtures
- · Description:

Mixture of substances listed below with nonhazardous additions according to Regulation (EC) No 1272/2008.

Polyethylene glycol substance with a Community workplace exposure limit	50 – 100%
1,1'-iminodipropan-2-ol	10 – 25%
Triethanolamine substance with a Community workplace exposure limit	2.5 – 10%
edetic acid	1 – 2.5%
	substance with a Community workplace exposure limit 1,1'-iminodipropan-2-ol Eye Irrit. 2, H319 Triethanolamine substance with a Community workplace exposure limit edetic acid Eye Irrit. 2, H319

· Additional information: For the wording of the listed hazard phrases refer to section 16.

# SECTION 4: First aid measures

· 4.1 Description of first aid measures

- · General information: Immediately remove any clothing soiled by the product.
- · 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 continues, consult a doctor.

· After eye contact:

Rinse opened eye for several minutes under running water. Then consult a doctor. • After swallowing:

A person vomiting while laying on their back should be turned onto their side. Rinse out mouth and then drink plenty of water. Seek medical treatment.

· 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

• 4.3 Indication of any immediate medical attention and special treatment needed No further relevant information available.

### SECTION 5: Firefighting measures

- 5.1 Extinguishing media
- · Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- · 5.2 Special hazards arising from the substance or mixture
- No further relevant information available.

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### 5.3 Advice for firefighters

· Protective equipment: Wear self-contained respiratory protective device.

### SECTION 6: Accidental release measures

- · 6.1 Personal precautions, protective equipment and emergency procedures Wear personal protection equipment.
- · 6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- · 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations. Clean the affected area carefully; suitable cleaners are: Warm water

### 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

# SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

· Information about fire - and explosion protection: No special measures required.

#### · 7.2 Conditions for safe storage, including any incompatibilities

· Storage:

- Requirements to be met by storerooms and receptacles: Store only in the original receptacle.
- · Information about storage in one common storage facility: Store away from foodstuffs.
- · Further information about storage conditions: Keep container tightly sealed. Protect from heat and direct sunlight.

Store receptacle in a well ventilated area.

- · Recommended storage temperature: 15 25 °C
- Storage class:

Storage class 10: Combustible liquids that cannot be assigned to any other storage classes (TRGS 510)

· 7.3 Specific end use(s) No further relevant information available.

### SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

### CAS: 25322-68-3 Polyethylene glycol

AGW (Germany) Long-term value: 200 E mg/m<sup>3</sup> 2(11);DFG, Y

### CAS: 102-71-6 Triethanolamine

AGW (Germany) Long-term value: 1 E mg/m<sup>3</sup> 1(I);DFG, Y

### CAS: 60-00-4 edetic acid

MAK (Germany) vgl.Abschn.IIb

### Regulatory information

AGW (Germany): TRGS 900 MAK (Germany): MAK- und BAT-Liste

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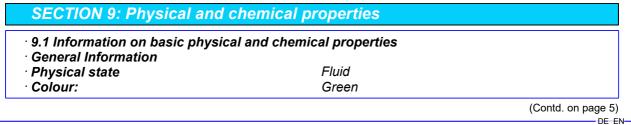
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(Contd. of page 3) · Additional information: The lists valid during the making were used as basis. · 8.2 Exposure controls · Appropriate engineering controls No further data; see section 7. · Individual protection measures, such as personal protective equipment · General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin. Do not eat, drink, smoke or sniff while working. • Respiratory protection: Use suitable respiratory protective device when aerosol or mist is formed. Filter: Type A In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device. Hand protection Protective gloves Wear gloves according to EN 374. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation Check protective gloves prior to each use for their proper condition. Preventive skin protection by use of skin-protecting agents is recommended. After use of gloves apply skin-cleaning agents and skin cosmetics. • Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. · Penetration time of glove material The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. • For the permanent contact gloves made of the following materials are suitable: Nitrile rubber, NBR Recommended thickness of the material:  $\geq$  0.4 mm Value for the permeation: Level = 6 (> 480 min) • As protection from splashes gloves made of the following materials are suitable: Nitrile rubber, NBR Recommended thickness of the material: > 0.12 mm Value for the permeation: Level = 2 (> 30 min) Eye/face protection Tightly sealed goggles according to EN 166 · Body protection: Protective work clothing



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	(Contd. of page
Odour:	Characteristic
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and	
boiling range	Undetermined.
Flammability	Not applicable.
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	Undetermined.
Auto-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
рН (100 g/l) at 20 °С	10.1
Viscosity:	10.1
Kinematic:	Not determined.
	Not determined.
Dynamic: Solubility	
•	Fully missible
water: Portition coofficient n cotonol/water (log	Fully miscible.
Partition coefficient n-octanol/water (log	Not data waia ad
value)	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density	
Density at 20 °C:	1.11 g/cm <sup>3</sup>
Relative density	Not determined.
Vapour density	Not determined.
	Due due tie wet ee lijewijijne
Explosive properties:	Product is not selfigniting. Product does not present an explosion hazard.
Explosive properties: Solvent content:	Product does not present an explosion hazard.
Explosive properties: Solvent content: VOCV (CH)	
Explosive properties: Solvent content: VOCV (CH) Change in condition	Product does not present an explosion hazard. 0.0 %
Explosive properties: Solvent content: VOCV (CH) Change in condition	Product does not present an explosion hazard.
Explosive properties: Solvent content: VOCV (CH) Change in condition Evaporation rate	Product does not present an explosion hazard. 0.0 % Not determined.
Explosive properties: Solvent content: VOCV (CH) Change in condition Evaporation rate Information with regard to physical haz classes	Product does not present an explosion hazard. 0.0 % Not determined.
Explosive properties: Solvent content: VOCV (CH) Change in condition Evaporation rate Information with regard to physical haz classes Explosives	Product does not present an explosion hazard. 0.0 % Not determined. card Void
Explosive properties: Solvent content: VOCV (CH) Change in condition Evaporation rate Information with regard to physical haz classes Explosives	Product does not present an explosion hazard. 0.0 % Not determined.
Explosive properties: Solvent content: VOCV (CH) Change in condition Evaporation rate Information with regard to physical haz classes Explosives Flammable gases	Product does not present an explosion hazard. 0.0 % Not determined. card Void
Explosive properties: Solvent content: VOCV (CH) Change in condition Evaporation rate Information with regard to physical haz classes Explosives Flammable gases Aerosols	Product does not present an explosion hazard. 0.0 % Not determined. card Void Void
Explosive properties: Solvent content: VOCV (CH) Change in condition Evaporation rate Information with regard to physical haz classes Explosives Flammable gases Aerosols Oxidising gases	Product does not present an explosion hazard. 0.0 % Not determined. card Void Void Void Void
Explosive properties: Solvent content: VOCV (CH) Change in condition Evaporation rate Information with regard to physical haz classes Explosives Flammable gases Aerosols Oxidising gases Gases under pressure	Product does not present an explosion hazard. 0.0 % Not determined. card Void Void Void Void Void Void
Explosive properties: Solvent content: VOCV (CH) Change in condition Evaporation rate Information with regard to physical haz classes Explosives Flammable gases Aerosols Oxidising gases Gases under pressure Flammable liquids	Product does not present an explosion hazard. 0.0 % Not determined. card Void Void Void Void Void Void Void Void Void Void Void
Explosive properties: Solvent content: VOCV (CH) Change in condition Evaporation rate Information with regard to physical haz classes Explosives Flammable gases Aerosols Oxidising gases Gases under pressure Flammable liquids Flammable solids	Product does not present an explosion hazard. 0.0 % Not determined. card Void Void Void Void Void Void Void Void Void Void Void Void Void Void Void Void Void
Explosive properties: Solvent content: VOCV (CH) Change in condition Evaporation rate Information with regard to physical haz classes Explosives Flammable gases Aerosols Oxidising gases Gases under pressure Flammable liquids Flammable solids Self-reactive substances and mixtures	Product does not present an explosion hazard. 0.0 % Not determined. trand Void
Explosive properties: Solvent content: VOCV (CH) Change in condition Evaporation rate Information with regard to physical haz classes Explosives Flammable gases Aerosols Oxidising gases Gases under pressure Flammable liquids Flammable solids Self-reactive substances and mixtures Pyrophoric liquids	Product does not present an explosion hazard. 0.0 % Not determined. trand Void
Explosive properties: Solvent content: VOCV (CH) Change in condition Evaporation rate Information with regard to physical haz classes Explosives Flammable gases Aerosols Oxidising gases Gases under pressure Flammable liquids Flammable solids Self-reactive substances and mixtures Pyrophoric liquids Pyrophoric solids	Product does not present an explosion hazard. 0.0 % Not determined. trand Void
Explosive properties: Solvent content: VOCV (CH) Change in condition Evaporation rate Information with regard to physical haz classes Explosives Flammable gases Aerosols Oxidising gases Gases under pressure Flammable liquids Flammable solids Self-reactive substances and mixtures Pyrophoric liquids Pyrophoric solids Self-heating substances and mixtures	Product does not present an explosion hazard. 0.0 % Not determined. trand Void
Explosive properties: Solvent content: VOCV (CH) Change in condition Evaporation rate Information with regard to physical haz classes Explosives Flammable gases Aerosols Oxidising gases Gases under pressure Flammable liquids Flammable solids Self-reactive substances and mixtures Pyrophoric liquids Pyrophoric solids Self-heating substances and mixtures Substances and mixtures, which emit	Product does not present an explosion hazard. 0.0 % Not determined. teard Void
Explosive properties: Solvent content: VOCV (CH) Change in condition Evaporation rate Information with regard to physical haz classes Explosives Flammable gases Aerosols Oxidising gases Gases under pressure Flammable liquids Flammable solids Self-reactive substances and mixtures Pyrophoric liquids Pyrophoric solids Self-heating substances and mixtures Substances and mixtures, which emit flammable gases in contact with water	Product does not present an explosion hazard. 0.0 % Not determined. card Void
Explosive properties: Solvent content: VOCV (CH) Change in condition Evaporation rate Information with regard to physical haz classes Explosives Flammable gases Aerosols Oxidising gases Gases under pressure Flammable liquids Flammable solids Self-reactive substances and mixtures Pyrophoric liquids Self-heating substances and mixtures Substances and mixtures, which emit flammable gases in contact with water Oxidising liquids	Product does not present an explosion hazard. 0.0 % Not determined. card Void
Ignition temperature: Explosive properties: Solvent content: VOCV (CH) Change in condition Evaporation rate Information with regard to physical haz classes Explosives Flammable gases Aerosols Oxidising gases Gases under pressure Flammable liquids Flammable solids Self-reactive substances and mixtures Pyrophoric liquids Self-heating substances and mixtures Substances and mixtures, which emit flammable gases in contact with water Oxidising solids Oxidising solids	Product does not present an explosion hazard. 0.0 % Not determined. card Void
Explosive properties: Solvent content: VOCV (CH) Change in condition Evaporation rate Information with regard to physical haz classes Explosives Flammable gases Aerosols Oxidising gases Gases under pressure Flammable liquids Flammable solids Self-reactive substances and mixtures Pyrophoric liquids Self-heating substances and mixtures Substances and mixtures, which emit flammable gases in contact with water Oxidising liquids	Product does not present an explosion hazard. 0.0 % Not determined. card Void



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· Desensitised explosives

Void

### SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

- · 10.2 Chemical stability
- · Thermal decomposition / 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.

· 10.3 Possibility of hazardous reactions No dangerous reactions known.

- 10.4 Conditions to avoid No further relevant information available.
- · 10.5 Incompatible materials:
- Acids, nitrites, reagents causing nitrosation.
- Do not use tools made of aluminium or copper or their alloys.
- · 10.6 Hazardous decomposition products: Nitrogen oxides

# **SECTION 11: Toxicological information**

- · 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- Acute toxicity Based on available data, the classification criteria are not met.

· LD/LC50	values rel	evant for classification:
CAS: 253	22-68-3 P	olyethylene glycol
Oral	LD50	> 2,000 mg/kg (rat)
Dermal	LD50	> 2,000 mg/kg (rat)
CAS: 110	-97-4 1,1'-	iminodipropan-2-ol
Oral	LD50	> 2,000 mg/kg (rat)
Dermal	LD50	> 8,000 mg/kg (rabbit)
CAS: 102	-71-6 Trie	thanolamine
Oral	LD50	> 2,000 mg/kg (rat)
Dermal	LD50	> 2,000 mg/kg (rabbit)
CAS: 60-	00-4 edeti	c acid
Oral	LD50	> 2,000 – 4,500 mg/kg (rat)
Inhalative	LC50/6 h	1,000 – 5,000 mg/l (rat)
Serious e Respirato Germ cel Carcinog Reproduc STOT-sin STOT-rep Aspiratio	eye damag ory or skin I mutagen enicity Ba ctive toxic ogle expos beated exp n hazard I	ation Based on available data, the classification criteria are not met. pe/irritation Causes serious eye irritation. a sensitisation Based on available data, the classification criteria are not met. icity Based on available data, the classification criteria are not met. sed on available data, the classification criteria are not met. ity Based on available data, the classification criteria are not met. ity Based on available data, the classification criteria are not met. sure Based on available data, the classification criteria are not met. bosure Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. bosure Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met.
· Endocrin	e disrupti	ng properties
None of th	ne ingredie	nts is listed.

DE\_EN (Contd. on page 7)

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### SECTION 12: Ecological information

- · 12.1 Toxicity
- · Aquatic toxicity: No further relevant information available.
- 12.2 Persistence and degradability No further relevant information available.
- 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.
- 12.5 Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.
- · 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

- · 12.7 Other adverse effects
- · Additional ecological information:
- · General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### SECTION 13: Disposal considerations

- · 13.1 Waste treatment methods
- · Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Disposal must be made according to official regulations.

- · Uncleaned packaging:
- Recommendation:

Packagings that may not be cleansed are to be disposed of in the same manner as the product. Disposal must be made according to official regulations.

· Recommended cleansing agents: Water, if necessary together with cleansing agents.

### SECTION 14: Transport information

· 14.1 UN number or ID number · ADR, ADN, IMDG, IATA	Void
· 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA	Void
· 14.3 Transport hazard class(es)	
· ADR, ADN, IMDG, IATA · Class	Void
· 14.4 Packing group · ADR, IMDG, IATA	Void
<ul> <li>14.5 Environmental hazards:</li> <li>Marine pollutant:</li> </ul>	No
· 14.6 Special precautions for user	Not applicable.
<ul> <li>14.7 Maritime transport in bulk according to IMO instruments</li> </ul>	<b>)</b> Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
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• UN "Model Regulation":

Void

# SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Directive 2012/18/EU

· Named dangerous substances - ANNEX I None of the ingredients is listed.

- REGULATION (EU) 2019/1021 on persistent organic pollutants (POP)
- None of the ingredients is listed.

· REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

Regulation (EU) No 649/2012 concerning the export and import of hazardous chemicals None of the ingredients is listed.

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

REGULATION (EC) No 1005/2009 on substances that deplete the ozone layer – ANNEX (Ozone- depleting potential)

None of the ingredients is listed.

· National regulations:

· Information about limitation of use:

Employment restrictions concerning juveniles must be observed. Employment restrictions concerning pregnant and lactating women must be observed.

- · Technical instructions (air):
- Class | Share in % 2.5 - 10NK

· Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

· Other regulations, limitations and prohibitive regulations

· Substances of very high concern (SVHC) according to REACH, Article 57 None of the ingredients is listed.

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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 Analysentechnik GmbH & Co. KG
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SECTION 16: Othe	
for any specific product	ed on our present knowledge. However, this shall not constitute a guaran features and shall not establish a legally valid contractual relationship. ets is in compliance with Regulation (EC) No 1907/2006, Article 31 ( (EU) 2020/878.
<b>Relevant phrases</b> H319 Causes serious eg	ye irritation.
Department issuing SI	DS: product safety department
Date of previous version	
Version number of pre	
Abbreviations and acr	
RID: Règlement international Concerning the International	al concernant le transport des marchandises dangereuses par chemin de fer (Regulati Transport of Dangerous Goods by Rail)
ICAO: International Civil Aviat ADR: Accord relatif au transp	tion Organisation port international des marchandises dangereuses par route (European Agreement Concer
the International Carriage of L	
IMDG: International Maritime	
IATA: International Air Transp	
	ystem of Classification and Labelling of Chemicals of Existing Commercial Chemical Substances
ELINCS: European List of No.	
,	vice (division of the American Chemical Society)
VOCV: Lenkungsabgabe au compounds)	uf flüchtigen organischen Verbindungen, Schweiz (Swiss Ordinance on volatile orga
LC50: Lethal concentration, 5	
LD50: Lethal dose, 50 percen	
PBT: Persistent, Bioaccumula	
SVHC: Substances of Very H vPvB: very Persistent and ver	
Eye Irrit. 2: Serious eye dama	
	e previous version altered.