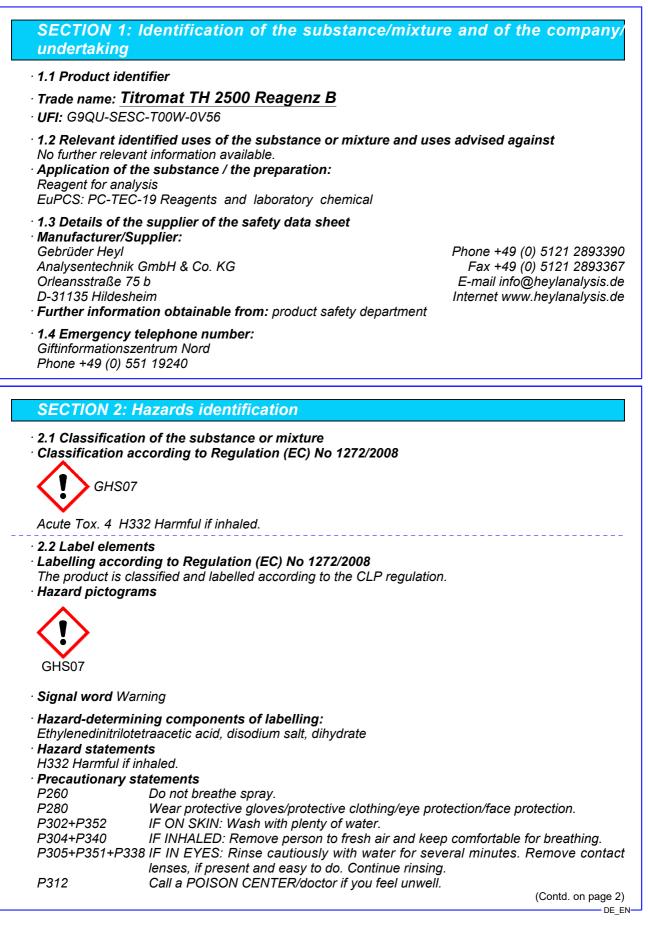
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· Labelling of packages where the contents do not exceed 125 ml Hazard pictograms



· Signal word Warning

- · Hazard-determining components of labelling:
- Ethylenedinitrilotetraacetic acid, disodium salt, dihydrate
- · Hazard statements Void · Precautionary statements Void
- · 2.3 Other hazards
- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.
- · Determination of endocrine-disrupting properties Not applicable.

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.

Dangerous components:

· J· · · · · · · ·		
CAS: 6381-92-6	Ethylenedinitrilotetraacetic acid, disodium salt, \geq 2.5 – < 10)%
EINECS: 205-358-3	dihydrate	
Reg.nr.: 01-2119486775-20	🚸 STOT RE 2. H373	
5	Acute Tox. 4, H332	

SVHC Not applicable.

• 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.

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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.
- 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 Prevent formation of aerosols. Ensure good ventilation/exhaustion at the workplace.
- · 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 12: Non-combustible liquids that cannot be assigned to any other storage class (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: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- · 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.

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GEBRÜDER HEYL

Analysentechnik GmbH & Co. KG Wasser ist unser Element according to Regulation (EC) No 1907/2006

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Individual protection measures, such as pe	rsonal protective equipment			
 General protective and hygienic measures: The usual precautionary measures are to be a 	dhered to when handling chemicals			
Keep away from foodstuffs, beverages and fee				
Immediately remove all soiled and contaminate				
Wash hands before breaks and at the end of w				
Do not inhale gases / fumes / aerosols.				
Do not eat, drink, smoke or sniff while working.				
Respiratory protection:				
Use suitable respiratory protective device when				
exposure use self-contained respiratory protec	respiratory filter device. In case of intensive or longer			
· Hand protection				
Protective gloves				
Wear gloves according to EN 374.				
	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 0.12 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: \geq 0.12 mm				
Value for the permeation: Level = 6 (> 480 min)				
• Eye/face protection Goggles according to EN 166 recommended during refilling				
• Body protection: Protective work clothing				
SECTION 9: Physical and chemical	properties			
0.1 Information on basis physical and abom	nical proportion			
 9.1 Information on basic physical and chem General Information 	iicai properties			
· Physical state	Fluid			
· Colour:	Colourless			
· Odour:	Odourless			
· Odour threshold:	Not determined.			
Melting point/freezing point:	Undetermined.			
• Boiling point or initial boiling point and				
boiling range	Undetermined.			
 Flammability Lower and upper explosion limit 	Not applicable.			
Lower:	Not determined.			

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Upper:	Not determined.
Flash point:	Undetermined.
Auto-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
pH (100 g/l) at 20 °C	9
Viscosity:	
Kinematic:	Not determined.
Dynamic:	Not determined.
Solubility	
water:	Fully miscible.
Partition coefficient n-octanol/water (log	
value)	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density	
Density at 20 °C:	1.05 g/cm³
Relative density	Not determined.
Vapour density	Not determined.
9.2 Other information	
Important information on protection of hea	alth
and environment, and on safety.	_
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Solvent content:	
VOCV (CH)	0.0 %
Change in condition	
Evaporation rate	Not determined.
Information with regard to physical haz	ard
classes	
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit	
flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
VI yante perusides	
	Void
Corrosive to metals Desensitised explosives	Void Void

SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

· 10.2 Chemical stability

· Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known.

• 10.4 Conditions to avoid No further relevant information available.

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• 10.5 Incompatible materials: No further relevant information available.

· 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 Harmful if inhaled.
- · LD/LC50 values relevant for classification:
- CAS: 6381-92-6 Ethylenedinitrilotetraacetic acid, disodium salt, dihydrate
- Oral LD50 2,800 mg/kg (rat)
- · Primary irritant effect:
- · Skin corrosion/irritation Based on available data, the classification criteria are not met.
- · Serious eye damage/irritation Based on available data, the classification criteria are not met.
- · Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity Based on available data, the classification criteria are not met.
- · Reproductive toxicity Based on available data, the classification criteria are not met.
- · STOT-single exposure Based on available data, the classification criteria are not met.
- · STOT-repeated exposure Based on available data, the classification criteria are not met.
- · Aspiration hazard Based on available data, the classification criteria are not met.
- 11.2 Information on other hazards
- · Endocrine disrupting properties

None of the ingredients is listed.

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 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

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.

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Disposal must be made according to official regulations.

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

SECTION 14: Transport information	tion
· 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
 14.5 Environmental hazards: Marine pollutant: 	No
· 14.6 Special precautions for user	Not applicable.
 14.7 Maritime transport in bulk accordi IMO instruments 	n g to Not applicable.
• Transport/Additional information:	Not dangerous according to the above specifications.
· 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.

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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 (EU) 2024/590 on substances that deplete the ozone layer

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.

· Waterhazard class: Water hazard class 2 (Self-assessment): 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.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. This Safety Data Sheets is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

[·] Relevant phrases

H332 Harmful if inhaled.

H373 May cause damage to organs through prolonged or repeated exposure.

· Department issuing SDS: product safety department

- · Date of previous version: 11.05.2021
- Version number of previous version: 11

• Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning

the International Carriage of Dangerous Goods by Road)

- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOCV: Lenkungsabgabe auf flüchtigen organischen Verbindungen, Schweiz (Swiss Ordinance on volatile organic compounds)

LC50: Lethal concentration, 50 percent

- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- SVHC: Substances of Very High Concern
- vPvB: very Persistent and very Bioaccumulative
- Acute Tox. 4: Acute toxicity Category 4
- STOT RE 2: Specific target organ toxicity (repeated exposure) Category 2

 \cdot * Data compared to the previous version altered.

DE_EN-