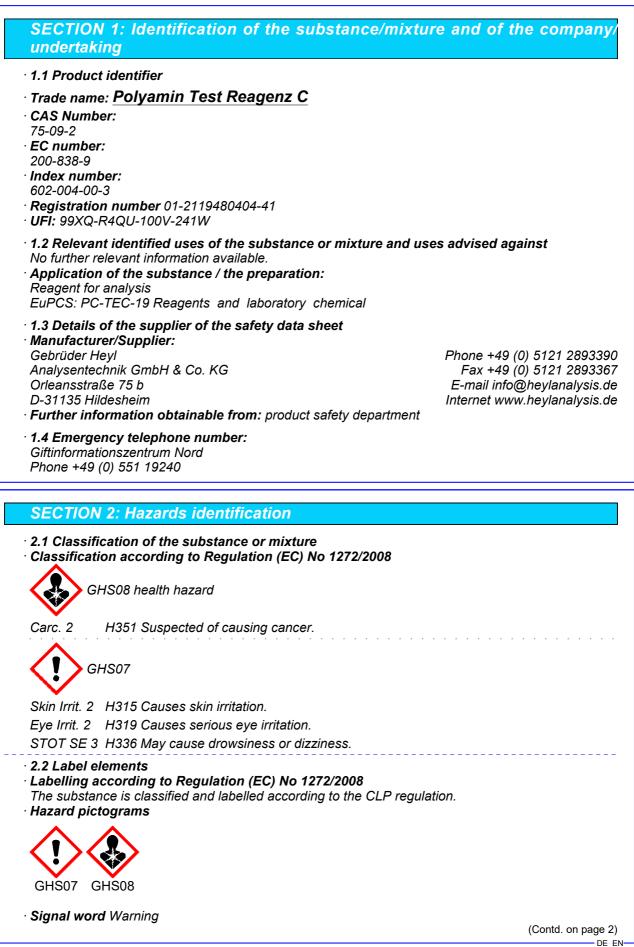


Version number 12 (replaces version 11)

Revision: 17.01.2022



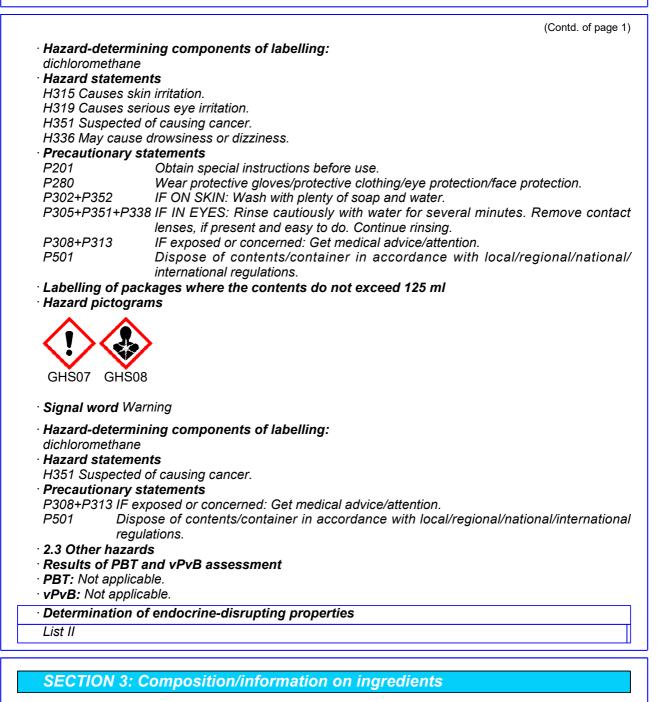


Safety data sheet according to 1907/2006/EC

Version number 12 (replaces version 11)

Revision: 17.01.2022

Trade name: Polyamin Test Reagenz C



- · 3.1 Substances
- · CAS No. Description
- CAS: 75-09-2 dichloromethane
- · Identification number(s)
- · EC number: 200-838-9
- · Index number: 602-004-00-3
- SVHC Not applicable.

SECTION 4: First aid measures

• 4.1 Description of first aid measures

· General information: Immediately remove any clothing soiled by the product.

(Contd. on page 3)

E_EN-



Safety data sheet according to 1907/2006/EC

Version number 12 (replaces version 11)

Revision: 17.01.2022

Trade name: Polyamin Test Reagenz C

	(Contd. of page 2)
· After inhalation:	,
Take affected persons into fresh air and keep quiet.	
Supply fresh air or oxygen; call for doctor.	
In case of unconsciousness place patient stably in side position for transportation.	
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.	
Seek medical treatment.	
· 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.	
Do not induce vomiting; call for medical help immediately.	
• 4.2 Most important symptoms and effects, both acute and delayed	
Breathing difficulty	
Dizziness	
Unconsciousness	
Coughing	
Nausea	
• 4.3 Indication of any immediate medical attention and special treatment neede	d
If swallowed or in case of vomiting, danger of entering the lungs.	

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

- Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
- **5.2 Special hazards arising from the substance or mixture** In case of fire, the following can be released: Hydrogen chloride (HCI) Phosgene gas
- · 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 protective equipment. Keep unprotected persons away. Ensure adequate ventilation
- 6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- 6.3 Methods and material for containment and cleaning up:
- Ensure adequate ventilation. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- Dispose of the material collected according to regulations. 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.

(Contd. on page 4)



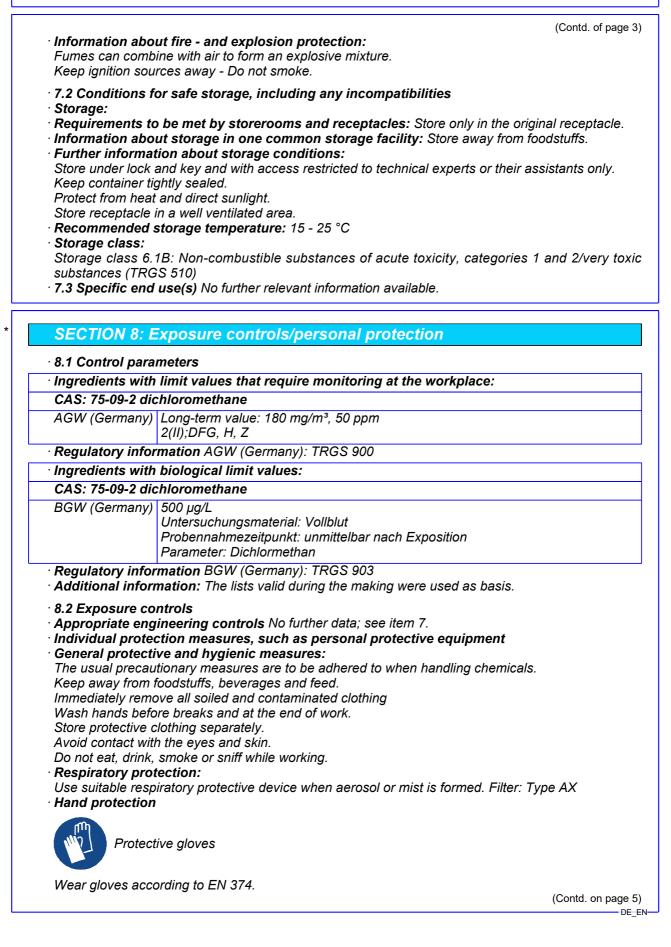
Safety data sheet according to 1907/2006/EC

Printing date 17.01.2022

Version number 12 (replaces version 11)

Revision: 17.01.2022

Trade name: Polyamin Test Reagenz C





Safety data sheet according to 1907/2006/EC Version number 12 (replaces version 11)

Revision: 17.01.2022

Trade name: Polyamin Test Reagenz C

(Contd. of page 4) 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. As protection from splashes gloves made of the following materials are suitable: Fluorocarbon rubber (Viton)

Recommended thickness of the material: ≥ 0.7 mm Value for the permeation: Level = 4 (> 120 min)

• **Eye/face protection** Safety glasses according to EN 166



Tightly sealed goggles according to EN 166

· Body protection: Protective work clothing

SECTION 9: Physical and chemical properties				
9.1 Information on basic physical and chemical properties				
· General Information				
· Physical state	Fluid			
Colour:	Colourless			
Odour:	Characteristic			
Odour threshold:	Not determined.			
Melting point/freezing point:	-95.1 °C			
Boiling point or initial boiling point and				
boiling range	40 °C			
Flammability	Not applicable.			
Lower and upper explosion limit				
Lower:	13 Vol %			
Upper:	22 Vol %			
Flash point:	Undetermined.			
Auto-ignition temperature:	Not determined.			
Decomposition temperature:	Not determined.			
pH	Not determined.			
Viscosity:				
Kinematic viscosity	Not determined.			
Dynamic at 20 °C:	0.43 mPas			
Solubility				
water at 20 °C:	20 g/l			
Partition coefficient n-octanol/water (log	-			
value)	Not determined.			
Vapour pressure at 20 °C:	453 hPa			
Density and/or relative density				
Density at 20 °C:	1.33 g/cm³			
Relative density	Not determined.			
		(Contd. on page 6		

DE_EN



Safety data sheet according to 1907/2006/EC

Version number 12 (replaces version 11)

Revision: 17.01.2022

Trade name: Polyamin Test Reagenz C

Vapour density	Not determined.
9.2 Other information	
Important information on protection of hea	alth
and environment, and on safety.	
Ignition temperature:	605 °C
	Not determined.
Explosive properties:	Product is not explosive. However, formation of
	explosive air/vapour mixtures are possible.
Organic solvents:	100.0 %
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
Corrosive to metals	Void
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:** To avoid thermal decomposition do not overheat.
- **10.3 Possibility of hazardous reactions** Reacts with alkaline metals.
- Reacts with powdered metals.

Reacts with earth alkaline metals.

Reacts with amines.

- **10.4 Conditions to avoid** No further relevant information available.
- · 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products:
- Hydrogen chloride (HCl) Phosgen

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.

(Contd. on page 7)

DE_EN-



Safety data sheet according to 1907/2006/EC

Printing date 17.01.2022

Version number 12 (replaces version 11)

Revision: 17.01.2022

(Contd. of page 6)

Trade name: Polyamin Test Reagenz C

· LD/LC50 values relevant for classification:

CAS: 75-09-2 dichloromethane				
	LD50	> 2,000 mg/kg (rat)		
Dermal	LD50	> 2,000 mg/kg (rat)		

Inhalative LC50/7 h 49 mg/l (mouse)

· Skin corrosion/irritation Causes skin irritation.

- · Serious eye damage/irritation Causes serious eye irritation.
- · 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 Suspected of causing cancer.

· Reproductive toxicity Based on available data, the classification criteria are not met.

- · STOT-single exposure May cause drowsiness or dizziness.
- 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

List II

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
- For information on endocrine disrupting properties see section 11.
- 12.7 Other adverse effects
- · Additional ecological information:
- General notes:

Water hazard class 2 (German Regulation) (Assessment by list): 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. Disposal must be made according to official regulations.

- DE_EN

(Contd. on page 8)



Safety data sheet according to 1907/2006/EC

Printing date 17.01.2022

Version number 12 (replaces version 11)

Revision: 17.01.2022

Trade name: Polyamin Test Reagenz C

(Contd. of page 7)

14.1 UN number or ID number	
ADR, IMDG, IATA	UN1593
14.2 UN proper shipping name ADR IMDG, IATA	1593 DICHLOROMETHANE DICHLOROMETHANE
14.3 Transport hazard class(es)	
ADR, IMDG, IATA	
Class Label	6.1 Toxic substances. 6.1
14.4 Packing group ADR, IMDG, IATA	<i>III</i>
14.5 Environmental hazards: Marine pollutant:	No
14.6 Special precautions for user Hazard identification number (Kemler code): EMS Number: Segregation groups Stowage Category	Warning: Toxic substances. 60 F-A,S-A Liquid halogenated hydrocarbons A
14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
Transport/Additional information:	Void
<i>ADR Limited quantities (LQ) Excepted quantities (EQ)</i>	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
Transport category Tunnel restriction code	2 E
<i>IMDG Limited quantities (LQ) Excepted quantities (EQ)</i>	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
UN "Model Regulation":	UN 1593 DICHLOROMETHANE, 6.1, III

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 Substance is not listed.



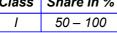
Safety data sheet according to 1907/2006/EC

Version number 12 (replaces version 11)

Revision: 17.01.2022

Trade name: Polyamin Test Reagenz C

(Contd. of page 8) · REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3, 59 DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II Substance is not listed. · REGULATION (EU) 2019/1148 Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3)) Substance is not listed. · Annex II - REPORTABLE EXPLOSIVES PRECURSORS Substance is not listed. · Regulation (EC) No 273/2004 on drug precursors Substance is not listed. Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors Substance is not 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): Share in % Class



• Waterhazard class: Water hazard class 2 (Assessment by list): hazardous for water. • 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.

· Department issuing SDS: product safety department

Date of previous version: 26.09.2019

- 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

- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- 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
- Skin Irrit. 2: Skin corrosion/irritation Category 2

Eye Irrit. 2: Serious eye damage/eye irritation - Category 2

- Carc. 2: Carcinogenicity Category 2
- STOT SE 3: Specific target organ toxicity (single exposure) Category 3

* * Data compared to the previous version altered.