






created: 20.10.2010
updated: 26.11.2014

© by Wapotec GmbH

Section 1 Identification of the substance/mixture and the company

- 1.1 Product identifier **CyA-Test**
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
- Use of substance Reagent for water analysis
- 1.3 Supplier WAPOTEC GmbH
Franz-Sauer-Strasse 44
A-5020 Salzburg
Tel: +43 662 434342-0
Fax: +43 662 434342-3
- Contact Mr. G. Weiss
Email: office@wapotec.at
- 1.4 Emergency phone +43 662 43 43 42-0
Office hours:
MO - TH: 8.00 - 16.00
FR: 8.00 - 12.00
- Toxicity information centre Vienna:**
Phone: +43 1 406 43 43
Available 0-24h

Section 2 Hazards identification

- 2.1 Hazard classification of substance or mixture
-  According to Directive (EC) N° 1272/2008
Not applicable.
The product is not classified as dangerous.
-  according to Directive (EC) N° 1999/45
Not applicable.
The product is not classified as dangerous.
- 2.2 Label elements
-  According to Directive (EC) 1272/2008
Not applicable.
The product is not classified as dangerous according to Directive (EC) 1272/2008
-  According to Directive (EC) N° 1999/45
Not applicable.
The product is not classified as dangerous according to Directive (EC) N° 1999/45
-  Danger defining components for labeling
Not applicable.

- 2.3 Other hazards
Not applicable.
-

Section 3 Composition/information on ingredients

- 3.2 Mixtures
- ☉ Chemical characteristics
Preparation of organic and inorganic compounds
 - ☉ Dangerous ingredients
None.
 - ☉ REACH – Pre-registered substances All components are REACH pre-registered.
-

Section 4 First-aid measures

- 4.1 Description of first-aid measures
Remove immediately all contaminated clothing.
- ☉ After inhalation
Move affected person immediately to fresh air. Consult physician if disturbances occur.
 - ☉ After skin contact
After skin contact, wash immediately with plenty of water and soap and rinse thoroughly.
 - ☉ After eye contact
After eye contact, rinse eye for several minutes (at least 15 minutes) with running water holding eye apart.
Consult a physician immediately.
 - ☉ After ingestion
Rinse mouth with cold water and drink 1-2 glasses of water.
Consult physician if disturbances occur.
- 4.2 Most important symptoms and effects, acute and delayed
After ingestions of large quantities:
Thirst
Stomach pains
General sickness
Pseudo allergic reactions
- 4.3 Indications for immediate medical attention or special treatment needed
No further information available.
-

Section 5 Fire-fighting measures

5.1. Extinguishing media

- ☉ Suitable extinguishing media

Use fire fighting measures that suit the environment.

- ☉ Unsuitable extinguishing media for safety reasons

No further information available.

5.2. ☉ Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

Nitrogen oxides (NO_x)

Carbon monoxide (CO)

Sulphur dioxide (SO₂)

Hydrogen chloride (HCl)

Ammonia (NH₃)

Phosphorus oxides (P_xO_x)

Potassium oxide

Hydrocyanic acid (prussic acid)

5.3. ☉ Advice for firefighters

Special protective equipment:

Wear self-contained breathing apparatus and full protective clothing

- ☉ Additional information:

Collect contaminated fire fighting water separately. It must not enter drains.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations

Ambient fire may liberate hazardous vapors.

Section 6
Accidental release measures

6.1 Personal precautions, protective equipment and suitable emergency procedures.

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions

Do not allow product to reach sewage system or water bodies.

6.3 ☉ Measures for cleaning/collecting:

Dispose of contaminated material as waste according to section 13.

Collect mechanically.

Ensure adequate ventilation.

6.4 ☉ Additional information








No dangerous materials are released.

Information on safe handling see section 7.

Information on protective measures see section 8




Information on disposal see section 13

Section 7
Handling and storage

- 7.1  Precautions for safe handling
Provide suction extractors if dust is formed.
- 7.2  Conditions for safe storage including any incompatibilities
 Fire and explosion protection measures
Keep away from sources of ignition - no smoking.
 Design of storage rooms and container
Protect from heat and direct sunlight.
Store under dry and cool conditions.
Protect from humidity and keep away from water.
Protect from the effects of light.
 Recommended storage temperature: 20°C +/-5°C
 Material incompatibility
No further information available.
 VbF class: 11
- 7.3 Specific end uses
No further information available.

Section 8

Exposure controls and personal protection

- 8.1 Control parameters
The product does not contain relevant quantities of substances with monitored limits based on the workplace.
- 8.2 Exposure controls
 General protective and hygiene measures
Follow usual precautions when dealing with chemicals. Keep away from food and drinks. Do not eat or drink at work, wash hands before breaks and end of work. Avoid eye and skin contact. Avoid inhaling of steams/aerosols. Change contaminated work wear and clean it before the next wearing. Preventive skin protection.
Protective equipment should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.
 Respiratory protection
In case of release of dust/aerosol only work with a protection mask.
Recommended filter device for short term use: Filter P1
 Hand protection
Preventive skin protection by use of skin-protecting agents is recommended.
After use of gloves apply skin-cleaning agents and skin cosmetics.
Glove material
Nitrile rubber
Recommended thickness of the material: ≥ 0.11 mm

The exact break through time has to be found out by the manufacturer of the protective gloves and should be observed.

Value for the permeation: Level ≥ 1 (<10 min)

☺ Eye protection:

Use against the effects of fumes / dust
Tightly sealed goggles

☺ Personal protection

Protective working clothing

Section 0 Physical and chemical properties

9.1	Information on basic physical and chemical properties	
	Appearance	Tablets
	Color	White
	Odor	Odorless
	Odor threshold	No data available
	pH (20°C)	6
	Melting point	Not determined
	Boiling point / Boiling range	Not applicable
	Flash point	Not applicable
	Evaporation rate	Not applicable
	Flammability	No data available
	Upper explosion limit	No data available
	Lower explosion limit	No data available
	Vapor pressure	Not available
	Density	1,38 g/cm ₃
	Solubility in water (20°C)	Soluble
	Partition coefficient: n-octanol-water	No data available
	Auto ignition temperature	No data available
	Decomposition temperature	No data available
	Viscosity	No data available
	Explosive properties	Product is not explosive
	Oxidizing properties	No data available

- 9.2. Other information:
- | | |
|-------------------|--------|
| Solid content: | 100,0% |
| Solvent content: | |
| Organic solvents: | 0,0% |
- No further information available.

Section 10 Stability and reactivity

- 10.1 Reactivity
There are expected no hazardous reactions for intended use
- 10.2 Chemical stability
No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions
Reacts with acids, alkalis and oxidizing agents
- 10.4 Conditions to avoid
Avoid extreme temperatures.
- 10.5 Incompatible materials
Alkalimetals
Acids
Halogen compounds
Combustible substances
Oxidants
- 10.6 Hazardous decomposition products
Carbon monoxide (CO) and carbon dioxide (CO₂)
See section 5

Section 11 Toxicological information

- 11.1 Information on toxicological effects
- ☉ LD/LC50 values that are relevant for classification (literature)
Acute toxicity
Quantitative data on the toxicity of the preparation are not available.
 - ☉ Primary irritant effect:
Skin: No irritation
Eye: Possible irritation
 - ☉ Sensitization
No sensitizing effect known.
 - ☉ Subacute to chronic toxicity:

Chronic dermatitis

☉ Cancerogenity

No data available.

☉ Mutagenicity

No data available.

☉ Reproductive toxicity

No data available.

☉ Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparation as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided by us.

The usual precautionary measures should be adhered to general rules for handling chemicals.



Section 12 Ecological information

12.1

Toxicity

☉ Aquatic toxicity of individual components

No further information available.

12.2

Persistence and degradability

No data available.

12.3

Bioaccumulation potential

Depending on the concentration, phosphorus compounds may contribute to the eutrophication of water supplies.

12.4

Mobility in soil

No data available.

☉ Additional ecological information:

General information:

(Preparation) Water hazard class 2 (German Regulation) (self-assessment acc. VwVwS Annex 4 Nr. 3)

Hazardous for water.

Do not allow product to reach ground water, water bodies or sewage system.

12.5

Results of PBT- and vPvB-assessment

No data available for the product itself.

12.6

Other adverse effects

No further information available.

☉ Additional information

Quantitative data about ecological effects are not available for this product

Section 13 Disposal considerations

 13.1  Waste treatment methods

Must not be disposed of together with household garbage. Do not allow product to reach sewage. Hand over to disposers of hazardous waste. Chemicals must be disposed of in compliance with national and regional regulations. Under www.retrologistik.de you will find country- and substance-specific information as well as contact partners.

 Waste key number

16 05 09

 Waste name

Discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08.

 European waste catalogue

EWC-waste key is source-related.
The decision is up to the enduser.

 Contaminated packaging material

Chemicals must be disposed of in compliance with national and regional regulations. Under www.retrologistik.de you will find country- and substance-specific information as well as contact partners.
Recommended cleaning agent:
Water, if necessary with cleaning agent.

Section 14 Transport information

No dangerous good according to regulation for transport of dangerous goods.

14.1 UN-Number

Not applicable.

14.2 Proper UN-shipping name

Not applicable.

14.3 Transport hazard class

Not applicable.

14.4 Packaging group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for the user

Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL agreement 73/78 and according to IBC-Code

Not applicable.

Section 15 Regulatory information

- 15.1 Safety-, health-, ambient- and legislation specific instructions for substance or mixture
- This safety data sheet complies with the Regulations (EC) Reach N° 1907/2006.
The mixture is classified according to Dangerous Preparations Directive (EC) 1999/45 and to regulation (EC)1272/2008 Annex I.

National regulations:

Austria:

- ☉ Labeling according to BGBl II 2000/81 ChemV 1999.
The product is not classified and does not require hazards identification.
- ☉ ChemG 1996-amendment 2011.
This product is not classified hazardous (no hazardous preparation) according to the Austrian chemical legislation of 1996- amendment 2011.
- ☉ VbF - Directive about combustible liquids (BGBl 1991/240)
This product is not classified as combustible liquid acc. VbF.

Germany:

- ☉ Classification in water hazard classes according VwVwS dated 17.05.1999/ annex 4 WP 1 (low water hazardous)

Employment restrictions: Not applicable.

Major Accident Ordinance (12. BIm SchV): Not applicable.

Classification in water hazard classes: WP 1 (self-assessment, acc. annex 4 Nr.3 VwVwS).

Low water hazardous

- 15.2 Chemical safety assessment
- A chemical safety assessment has not been carried out.

Section 16 Other information

The information provided on this SDS is correct to the best of our knowledge and information, but not to be considered a warranty or quality specification nor creates contractual relationship. The information given is designed only as a guide for safe handling. Since unknown risk potentials can never be completely ruled out, the product should be handled with the usual care when dealing with chemicals and only for the uses listed in Section 1.

The categorisation according to Dangerous Preparations Directive 1999/45/EC resp. regulation CLP (EC)1272/2008 on the classification of the single component according to Annex VI of regulation CLP (EC)1272/2008 as well as the manufacturer's data completed by hazardous material database.

- ☉ Relevant R-phrases
Not applicable
- ☉ Relevant H-phrases

Not applicable

☉ Relevant hazard classification

Not applicable

☉ Edition

Nr. 2 replaces the previous version
Amendments: 1.4, 8.2, 9.1.11.1 15.1

☉ Written by

WAPOTEC GmbH

☉ Short cut

n. t. not tested
n. a. not applicable
PBT persistent, bio-accumulative, toxic
vPvB high persistent, high bio-accumulative

