

## 1 Identification of the substance/mixture and the company

Product identifier	<b>Calcio-H No. 1</b>
Use of substance	Reagent for water analysis
Supplier	WAPOTEC GmbH Carola-Blome-Str. 7 A-5020 Salzburg Tel: +43 662 434342-0 Fax: +43 662 434342-3
Contact	Mr. G. Weiss Email: <a href="mailto:office@wapotec.at">office@wapotec.at</a>
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## 2 Hazards identification

ⓘ **Hazard classification:** void

ⓘ **Information pertaining to particular dangers for man and environment**

The product does not have to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" (1999/45/EC) in the latest valid version.

ⓘ **GHS label elements** Void

## 3 Composition/information on ingredients

ⓘ **Description:** Preparation contains organic compounds

ⓘ **Dangerous components:** Void

ⓘ **REACH – Pre-registered substances** All components are REACH pre-registered.

## 4 First-aid measures

ⓘ **General information** Instantly remove any clothing soiled by the product.

ⓘ **After inhalation** Supply fresh air

ⓘ **After skin contact** Instantly rinse with water.

ⓘ **After eye contact** Rinse opened eye for several minutes (at least 10 min) under running water.

- ☉ **After swallowing** Rinse out mouth and then drink 1-2 glasses of water.
- ☉ **The following symptoms may occur:**  
After swallowing of large amounts: General feeling of sickness

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## 5 Fire-fighting measures

- ☉ **Suitable extinguishing agents** CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet.
- ☉ **Special hazards caused by the material, its products of combustion or resulting gases.**

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

Carbon monoxide and carbon dioxide

Combustible

- ☉ **Protective equipment:**

Wear self-contained breathing apparatus.

Wear full protective suit.

**Additional information:**

Ambient fire may liberate hazardous vapors.

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.

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## 6 Accidental release measures

- ☉ **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- ☉ **Measures for environmental protection:** Do not allow product to reach sewage system or water bodies.
- ☉ **Measures for cleaning/collecting:**

Dispose of contaminated material as waste according to item 13.

Collect mechanically.

Ensure adequate ventilation.

- ☉ **Additional information:** No dangerous materials are released

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## 7 Handling and storage

- ☉ **Handling**
- ☉ **Information for safe handling:** Thorough dedusting.
- ☉ **Information about protection against explosions and fires:**  
Protect from heat

Keep ignition sources away – Do not smoke.

☉ **Storage**

☉ **Requirements to be met by storerooms and containers:** Store in cool location.

☉ **Information about storage in one common storage facility:** Not required.

☉ **Further information about storage conditions:**

Protect from heat and direct sunlight.

Store under dry conditions.

Protect from humidity and keep away from water.

Protect from the effects of light.

☉ **Recommended storage temperature:** 20°C +/-5°C



## 8 Exposure controls and personal protection

☉ **Additional information about design of technical systems:**

No further data; see item 7.

☉ **Components 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.

☉ **Personal protective equipment**

☉ **General protective and hygienic measures**

Wash hands during breaks and at the end of the work.

Do not eat, drink or smoke while working.

☉ **Breathing equipment:** Use breathing protection against the effects of fumes/dust/aerosol.

☉ **Recommended filter device for short term use:** Filter P1

☉ **Protection of hands:** Preventive skin protection by use of skin-protecting agents is recommended.

☉ **Material of gloves**

nitrile rubber, NBR

Recommended thickness of the material:  $\geq 0.11$  mm

☉ **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.

Value for the permeation: Level  $\geq 1$  (>10 min)

☉ **Eye protection:**

Use against the effects of fumes / dust

Safety glasses

☉ **Body protection:** Protective work clothing

## 9 Physical and chemical properties

Form:	Solid
Color:	Pink
Odor:	Odorless
Melting point/ Melting range:	Not determined
Boiling point / Boiling range:	Not applicable
Flash point:	Not applicable
Danger of explosion:	Product is not explosive.
Density	Not determined
Solubility in / Miscibility with Water:	Soluble
pH-value (8.7 g/l) at 20°C:	4.3
Solvent content: Organic solvents:	0.0 %
Solids content:	100 %

## 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** To avoid thermal decomposition do not overheat.
- **Materials to be avoided:** oxidizing agents
- **Dangerous reactions**

The product is capable of dust explosion in the form supplied; enrichment with fine dust causes risk of dust explosion
- **Dangerous products for decomposition:**  
 Carbon monoxide and carbon dioxide  
 See chapter 5

## 11 Toxicological information

- **Acute toxicity:** Quantitative data on the toxicity of the preparation are not available.
- **Primary irritant effect:**
  - **On the skin:** No irritant effect.
  - **On the eye:** Irritant effect.
- **Sensitization:** No sensitizing effect known
- **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the

General EC 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.

- ☉ **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)** no data available.

## 12 Ecological information

### Information about elimination (persistence and degradability):

**Other information:** Quantitative data on the ecological effect of this product are not available.

### Additional ecological information:

- ☉ **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment acc. VwVwS Annex 4): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralized.

- ☉ **PBT assessments:** no data available
- ☉ **vPvB assessments:** no data available

## 13 Disposal considerations

- ☉ **Product:**

- ☉ **Recommendation** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- ☉ **European waste catalogue**

16 05 09

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

- ☉ **Uncleaned packagings:**

- ☉ **Recommendation:** Disposal must be made according to official regulations.

- ☉ **Recommended cleaning agent:** Water, if necessary with cleaning agent.

## 14 Transport information

- ☉ **Land transport ADR/RID (cross-border)**

- ☉ **ADR/RID-GGVS/E Class:** -

- ☉ **Maritime transport IMDG:**

- ☉ **IMDG Class:** -

- ☉ **Marine pollutant:** No

- ☉ **Air transport ICAO-TI and IATA-DGR:**

