

1 Identification of the substance/mixture and the company

| | | |
|-----|--------------------|--|
| 1.1 | Product identifier | HydroQuant[®] Reagent CIE |
| 1.2 | Use of substance | Reagent solution for the determination of chlorine dioxide REACH: This product is a preparation. |
| 1.3 | 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: office@wapotec.at |
| 1.4 | Emergency phone | Phone: ++43 662 434342-0 Fax: ++43 662 434342-3 Office hours: Mo – TH: 8.00 – 16.00 Fr: 8.00 – 12.00 |



2 Hazards identification

| | | |
|-----|---|---|
| 2.1 | Classification of the substance/preparation | Not applicable. Pursuant to the EU legislation this preparation is classified as non-hazardous. |
| 2.2 | Label elements. | Not applicable. Pursuant to the EU legislation this preparation is classified as non-hazardous. |
| 2.3 | Other hazard | None. |



3 Composition/information on ingredients

 **Chemical Characterization:** aromatic amine compound, aqueous solution, special formulation for DPD-analysis

 **Hazardous Ingredients (GHS classification)**

Chemical name

| CAS-Nr. | EC- Nr. | INDEX-Nr. | classification |
|---------|---------|-----------|----------------|
|---------|---------|-----------|----------------|



4 First-aid measures

4.1 Description of first aid measures

 **Inhalation:**

No special precautions/measures required.

☉ Skin contact

Wash with plenty of water; remove contaminated clothing.

☉ Eye contact

Rinse with plenty of water with the eyelid open, for at least 10 minutes. Consult a doctor on complaints.

☉ Swallowing

Rinse mouth and drink plenty of water (dilution effect). Consult a doctor on complaints

4.2 Most important symptoms and effects, both acute and delayed

None known

4.3 Indication of any immediate medical attention and special treatment needed.

No further relevant information available.



5 Fire-fighting measures

5.1 ☉ Suitable extinguishing media

All standard extinguishing agents. Water, extinguishing powder, foam. Take extinguishing measures suitable for the environment.

5.2 ☉ Special risks

Non-flammable. When exposed to fire, hazardous vapors may form.

5.3 ☉ Special protective equipment for fire-fighting

Use self-contained respiratory protection. In order to avoid contact with skin, keep a safety distance or wear suitable protective clothing.



6 Accidental release measures

6.1 ☉ Person-related safety precautions

No special measures required.

6.2 ☉ Environmental precautions

Observe water protection.

6.3 ☉ Measures for cleaning/collecting

Take up with liquid-absorbent and neutralizing material. Wash away residue with plenty of water

6.4 Reference to other sections

None



7 Handling and storage

7.1 Precautions for safe handling:

Observe analysis regulations and special indications on the label.
 Usual precaution measures for handling chemicals. Take off contaminated clothes.

Information about protection against explosions and fires:
 No special measures required. Product is not inflammable.

7.2

Conditions for safe storage, including any incompatibilities:

Requirements to be met by storerooms and containers: protect against heat and frost.

🕒 **Fire and explosion protection**

No special measures required. Product is not inflammable.

🕒 **Conditions required for storage rooms and vessels**

Protect against heat and frost

🕒 **Incompatibilities of the material**

None known.

🕒 **Recommended storage temperature:** +5 to + 35 °C, protect from sunlight.

🕒 **VbF class:** Not applicable.

🕒

8 Exposure controls and personal protection

8.1 🕒 **Additional information about design of technical systems:**

No special measures required.

8.2 🕒 **General protective and hygienic measures:**

Usual precaution for handling chemicals. Avoid eye-contact. Wash hands and/or face before breaks. Take off contaminated clothes and rinse with water. Preventive skin protection.

🕒 **Personal protective equipment:**

Breathing equipment: Not required

Protection of hands: Not required

Eye protection: Not required

🕒

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|---------------------------------------|----------------------------|
| 🕒 Aggregate state | Liquid |
| 🕒 Colour | Colourless, clear |
| 🕒 Odour | Odourless |
| 🕒 pH-value | 6-7(20°C) |
| 🕒 Melting point | Not available |
| 🕒 Boiling point/Boiling range: | Appr. 100 °C |
| 🕒 Flash point: | Not applicable |
| 🕒 Flammability | Product is not inflammable |

| | | |
|-----|------------------------------|------------------------------|
| ⦿ | Danger of explosion: | Non explosive |
| ⦿ | Oxidizing properties: | Not applicable |
| ⦿ | Steam pressure: | Appr. 15 mbar (20°C) |
| ⦿ | Density | 1,05g/cm ³ (20°C) |
| ⦿ | Solubility: | Not available |
| ⦿ | Water solubility: | Soluble |
| ⦿ | Viscosity, absolute: | Not available |
| ⦿ | Evaporation rate: | Not available |
| 9.2 | Further information | None |



10 Stability and reactivity

- 10.1 ⦿ **Reactivity:** stable, no dangerous reactions if used according to specification
- 10.2 ⦿ **Chemical stability:** stable, avoid strong oxidizing agents
- 10.3 ⦿ **Possible dangerous reactions:** No dangerous reactions known.
- 10.4 ⦿ **Conditions to be avoided:** avoid extreme temperatures.
- 10.5 ⦿ **Incompatible materials:** avoid strong oxidizing agents.
- 10.6 ⦿ **Hazardous decomposition products:** No hazardous decomposition products known.



11 Toxicological Information

- 11.1 ⦿ **Acute toxicity:**
- Relevant LD/LC₅₀-values:** Oral LD₅₀ 10000 mg/kg (rat)
- ⦿ **Primary irritant effect:**
- ⦿ Skin: Not irritant
- ⦿ Eye: Non irritant
- ⦿ After inhalation: Non irritant
- ⦿ **Additional information:**
- Sensitizing: No sensitizing effect known.



12 Ecological information

- 12.1 ⦿ **Toxicity:**
- No negative effects known.
- 12.2 ⦿ **Persistence and degradability:**
- No data available.
- 12.3 ⦿ **Bioaccumulation potential:**
- No data available.

12.4  **Mobility in the soil:**

No data available.

12.5  **Results of PBT and vPvB assessment:**

Not applicable.

12.6  **Further ecologic data:**

No negative effects known. The product does not contain organic bound halogens.

**13 Disposal considerations** **Waste treatment measures:**

Dilute with plenty of water. Product can be fed directly into the public drainage system (unless contradicted by any chemico-technical or compelling legal requirements).

 **Waste code number:**

Not applicable.

 **Waste name:**

Not applicable.

 **Uncleaned packaging:**

Empty uncleaned packaging should be taken for local recycling, recovery or waste disposal.

**14 Transport information**

This product is not subject to transport regulations neither land, sea nor air transport.

14.1  **UN-Number**

Not applicable

14.2  **UN proper shipping name**

Not applicable

14.3  **Transport hazard class**

Not applicable

14.4  **Packing group**

Not applicable

14.5  **Environmental risks**

Not applicable

14.6  **Handling precautions for users**

Not applicable

14.7  **Transportation in bulk according to Annex II of MARPOL73/78 and IBC.**

Not applicable

**15 Legislation**

- 15.1
- ⦿ **Safety, health and environmental regulation/legislation specific for the substance or mixture**
 - ⦿ **Designation according to EC guidelines:**
The product has been classified and labeled in accordance with EC directives/Ordinance as non hazardous.
 - ⦿ **Code letter and hazardous designation of product:** Not applicable.

16 Other information

- ⦿ These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- ⦿ **Risk phrases:** Not applicable
- ⦿ **Safety phrases:** Not applicable
- ⦿ **Water hazard class:** Not applicable

- ⦿ **Translated by** **Wapotec GmbH**
- ⦿ **Short cut** **–**
- ⦿ **Edition** **Number 1**

