

### Section 1.- Identification of the substance/mixture and of the company

- **Identification of the product:** Hydroquinone diphosphate
- **Chemical family:** Hydroquinone diphosphate
- **Product name:** DRP-HQDP
- **Use of the substance/preparation:** Research use only
- **Manufacturer/supplier identification:** Metrohm DropSens, S.L. Vivero de Ciencias de la Salud, Calle Colegio Santo Domingo de Guzmán, s/n, 33010 Oviedo, Asturias, Spain  
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### Section 2.- Hazards identification

Caution! To the best of our knowledge the toxicological properties of this material has not been thoroughly investigated. The present substance has been classifying according to hazards identification for sodium phenyl phosphate dibasic dihydrate.

Not a hazardous substance according to Regulation CLP (EC) N° 1272/2008

#### Label elements:

The product does not need to be labelled in accordance with EC directives or national laws.

### Section 3.- Composition/Information on ingredients

- **Hydroquinone diphosphate**      **Synonyms:** Sodium 1,4-phenylene diphosphate  
**Formula:** C<sub>6</sub>H<sub>4</sub>O<sub>8</sub>P<sub>2</sub>Na<sub>4</sub>  
**Molecular weight:** 358 g/mol  
**CAS:** -

### Section 4.- First aid measures

- **General advice:** Consult a physician. Show this safety data sheet to the doctor in attendance.
- **After skin contact:** Wash skin with soap and copious amounts of water.
- **After ingestion:** Never give anything by mouth to an unconscious person, rinse mouth with water.
- **After eye contact:** Rinse eyes with water as a precaution.
- **After inhalation:** Move the person into fresh air. If it is necessary, give artificial respiration.

### Section 5.- Fire-fighting measures

- **Suitable extinguishing media:** use water spray, alcohol resistant foam, dry chemical or carbon dioxide.
- **Special hazards arising from the substance:** carbon oxides, oxides of phosphorus, sodium oxides
- **Special protective equipment for fire fighting:** Wear self contained breathing apparatus for fire fighting if necessary.
- **Further information:** No data available.

### Section 6.- Accidental release measures

- **Person-related precautionary measures:** Use personal protective equipment. Avoid breathing vapours. Ensure adequate ventilation.
- **Environmental precautions:** Do not let product enter drains.
- **Methods and materials for containment and cleaning up:** Keep in suitable, closed containers.

### Section 7.- Handling and storage

- **Handling:** Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
- **Storage:** Recommended to store the substance under inert atmosphere at temperature between 2 – 8°C. Keep container tightly closed in a dry and well-ventilated place.

### Section 8.- Exposure controls/personal protection

#### Exposure controls

General industrial hygiene practice

- Hand protection Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product.
- Eye protection Safety glasses with side-shields conforming to NIOSH (US) or EN166 (EU)
- Skin and body protection Choose body protection according to the amount and concentration of the dangerous substance at the work place. Handle with gloves. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374 derived from it.
- Hygiene measures Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### Section 9.- Physical and chemical properties

- **General information:**
  - Form: solid
  - Colour: white
  - Odour: no data available
- **pH:** no data available
- **Melting point range:** no data available
- **Flammability (solid, gas):** No data available
- **Water solubility:** No data available

### Section 10.- Stability and reactivity

- **Reactivity:** No data available
- **Chemical stability:** stable under recommended storage conditions
- **Possibility of hazardous reactions:** No data available.
- **Incompatible materials:** strong oxidizing agents.
- **Conditions to avoid:** avoid moisture.
- **Hazardous decomposition products:** Other decomposition products – no data available.

### Section 11.- Toxicological information

To the best of our knowledges the chemical, physical and toxicological properties have not been thoroughly investigated.

**Acute toxicity:** no data available

**Skin corrosion/ irritation:** No data available

**Serious eye damage/ eye irritation:** No data available

**Respiratory or skin sensitisation:** No data available

**Germ cell mutagenicity:** No data available

**Carcinogenicity:** No component of this product present at levels greater than or equal to 0.1 % is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity:** No data available.

**Specific target organ toxicity – single exposure and repeated exposure:** No data available.

**Additional information:** RTECS: no data available.

**Section 12.- Ecological information:**

**Toxicity:** no data available

**Persistence and degradability:** no data available.

Results of PBT and vPvB assessment: PBT/ vPvB assessment not available as chemical safety assessment not conducted.

**Other adverse effects:** No data available.

**Section 13.- Disposal considerations**

- **Product:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose this material.
- **Contaminated packaging:** Dispose of as unused product.

**Section 14.- Transport information**

Not a hazardous material for its transportation

**Section 15.- Regulatory information**

This safety datasheet has been revised to comply with the requirements establish in (EC) 453/2010.

**Section 16.- Other information**

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The contents and format of this MSDS are in accordance with EC 453/2010.

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