

## SAFETY DATA SHEET

**A0016912 RPI-CHECK**

Version: 3 (14-10-2022)

According to Regulation (EC) 1907/2006, Article 31

**Section 1 Identification of substance and company****1.1 Product identifier**

Trade name RPI-Check

Article number A0016912

**1.2 Relevant identified uses of the substance or mixture and uses advised against** RPI-Check is an isotonic solution that is used in the daily routine to monitor the operation of the measurement functions within the RPI. If a shift in performance is determined, it may indicate the RPI requires service.

**Application of the substance / the mixture** Laboratory chemicals.

**1.3 Details of the supplier of the safety data sheet** Mechatronics Instruments B.V.  
P.O. Box 225  
1620 AE Hoorn  
The Netherlands  
**Phone:** +31 229 291 129  
**Fax:** +31 229 241 534

**Informing department** **Contact:** Support Department  
**Email:** support@rrmechatronics.com

**1.4 Emergency telephone number** Support  
During normal office hours (8 a.m. till 4:30 p.m., GMT+1)  
**Phone:** +31 229 291 129

**Section 2 Hazards identification****2.1 Classification of the substance or mixture:**

**Classification according to Regulation (EC) 1272/2008 (CLP)** The product is not classified, according to the CLP Regulation.

**2.2 Label elements**

**Labelling according to Regulation (EC) No 1272/2008** Void

**Hazard pictograms** Void

**Signal word** Void

**Hazard statements (H and EUH)** Void

## 2.3 Other hazards

### Results of PBT and vPvB assessment

PBT Not applicable.

vPvB Not applicable.

## Section 3 Composition / data on components

### 3.1 Substances

CAS No. Description PURIFIED WATER

Identification number(s)

EC Number 231-791-2

### 3.2 Mixtures

Description Mixture of the substances supplied one after the other with harmless additions.

Dangerous components Void

Additional information Not applicable.

## Section 4 First aid measures

### 4.1 Description of first aid measures

General information No special measures required.

After inhalation Move to fresh air. Apply artificial respiration if victim is not breathing. If breathing is difficult, give oxygen.

After skin contact Generally the product does not irritate the skin.

After eye contact Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses.

After swallowing If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed No further relevant information available

4.3 Indication of any immediate medical attention and special treatment needed No further relevant information available

## Section 5 Fire fighting measures

### 5.1 Extinguishing media

Suitable extinguishing agents Use fire-extinguishing media appropriate for surrounding materials.

5.2 Special hazards arising from the substance or mixture No further relevant information available

**5.3 Advice for firefighters** Fight fire with normal precautions from a reasonable distance. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment

## Section 6 Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures** Not required.

**6.2 Environmental precautions** Dilute with plenty of water.  
Do not allow to enter sewers/surface or ground water.

**6.3 Methods and material for containment and cleaning up** Absorb with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.

**6.4 Reference to other sections** No dangerous substances are released.  
Information conc. safe use - see sec. 7  
Information conc. personal protection - see sec .8  
Information conc. salvage - see sec. 13

## Section 7 Handling and storage

**7.1 Precautions for safe handling** No special measures required.

**Information about protection against explosions and fires** No special measures required.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage

**Requirements to be met by store rooms and containers** No special requirements.

**Information about storage in one common storage facility** No special requirements.

**Further information about storage conditions** None

**7.3 Specific end use(s)** Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

## Section 8 Exposure controls/personal protection

### 8.1 Control parameters

**Components with critical 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.

**Additional information** The lists that were valid during the compilation were used as basis.

### 8.2 Exposure control

**Personal protective equipment**

**General protective and hygienic measures** The usual precautionary measures should be adhered to in handling the chemicals.

**Respiratory Protection** Not required.

**Protection of hands** Protective gloves must be worn with the CE-label including the four control digits. The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the related standard EN374.

	<i>full contact:</i>	<i>splash contact:</i>
Glove material	Nitrile rubber	Nitrile rubber
Glove thickness	0,11 mm	0,11 mm
Break through time	480 min	480 min

**Eye protection** Tightly sealed safety glasses.

## Section 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Form</b>	Liquid.
<b>Colour</b>	According to product specification
<b>Odeur</b>	Characteristic.
<b>Odeur threshold</b>	Not determined.
<b>pH-value at 20°C</b>	Not determined.
<b>Melting point/freezing point</b>	0 °C
<b>Boiling temperature</b>	100 °C
<b>Flash point</b>	Not applicable.
<b>Flammability (solid, gas)</b>	Product is not self-igniting.
<b>Explosive properties</b>	Product is not explosive.
<b>Explosion limits</b>	
<b>Lower</b>	Not determined.
<b>Upper</b>	Not determined.
<b>Vapour pressure</b>	23 hPa (20°C)
<b>Density at 20°C:</b>	1.00575 g/cm <sup>3</sup>
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Solubility in water</b>	Fully miscible.
<b>Partition coefficient: n-octanol/water</b>	Not determined.
<b>Viscosity</b>	
<b>Dynamic</b>	Not determined.
<b>Kinematic</b>	Not determined.

**9.2 Other information** No further relevant information available

## Section 10 Stability and reactivity

**10.1 Reactivity** No further relevant information available

**10.2 Chemical stability** No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions** No dangerous reactions known.

**10.4 Conditions to avoid** No further relevant information available

**10.5 Incompatible materials** No further relevant information available

**10.6 Hazardous decomposition products** No dangerous decomposition products known.

## Section 11 Toxicological information

### 11.1 Information on toxicological effects

**Acute toxicity** Based on available data, the classification criteria are not met.

**Relevant LD/LC50 values** Based on available data, the classification criteria are not met.

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.

**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** Based on available data, the classification criteria are not met.

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

**STOT-single exposure** Based on available data, the classification criteria are not met.

**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.

## Section 12 Ecological information

**12.1 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

### Additional ecological information

**General notes:** Water hazard class (D) 1 (Self-assessment) Slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**12. 5 Results of PBT and vPvB assessment** Not applicable.

**12. 6 Other adverse effects** No further relevant information available

## Section 13 Disposal considerations

### 13.1 Waste treatment methods

**Recommendation** Smaller quantities can be disposed of with household waste.

### Un-cleaned packaging

**Recommendation** Disposal must be made according to official regulations.

**Recommended cleaning agent** Water, if necessary with cleaning agent.

## Section 14 Transport information

### 14.1 UN number

**ADR, ADN, IMDG, IATA** Void

### 14.2 UN proper shipping name

**ADR, ADN, IMDG, IATA** Void

### 14.3 Transport hazard class(es)

**ADR, ADN, IMDG, IATA** Void

### 14.4 Packing group

**ADR, IMDG, IATA** Void

### 14.5 Environmental hazards

**Marine pollutant:** Void

**14.6 Special precautions for user** Not applicable.

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** Not applicable.

**Transport/Additional information** Not dangerous according to the above specifications.

**UN "Model regulation"** Void

## Section 15 Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

**Directive 2012/18  
Named dangerous  
substances-ANNEX I**                      None of the ingredients is listed.

#### National regulations

**Water hazard class**                      Water hazard class 1 (Self-assessment) Slightly hazardous for water.

**15.2 Chemical safety  
assessment**                      A chemical safety assessment has not been carried out

## Section 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.