

# Material Safety Data Sheet

Page 1/4

According to 91/155 EC

Printing date 28.04.2003

Reviewed on 28.04.2003

## 1 Identification of the substance/preparation and of the company/undertaking

### Product details

Trade name: Electrolyte OCY-1 4-F

Article number: 50005256

Application of the substance / the preparation *Laboratory chemicals*

### Manufacturer/Supplier:

*ISI Europa*

*Gesellschaft für Mess- und Regeltechnik mbH + Co.KG*

*Dieselstrasse 24*

*D-70839 Gerlingen*

### Further information obtainable from:

Phone: +49 (0)7156 209-117

Fax.: +49 (0)7156 209-222

Information in case of emergency: Phone: +49(0)6131-19240



## 2 Composition/information on ingredients

### Chemical characterization:

#### CAS No. Description

*7732-18-5 water, distilled, conductivity or of similar purity*

#### Identification number(s)

EINECS Number: 231-791-2

## 3 Hazards identification

Hazard description: *Not applicable.*

Information concerning particular hazards for human and environment:

*Not applicable.*

## 4 First-aid measures

General information: *No special measures required.*

After inhalation: *Supply fresh air; consult doctor in case of complaints.*

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

After eye contact: *Rinse opened eye for several minutes under running water.*

After swallowing: *If symptoms persist consult doctor.*

## 5 Fire-fighting measures

### Suitable extinguishing agents:

*CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.*

Protective equipment: *No special measures required.*

## 6 Accidental release measures

Person-related safety precautions: *Not required.*

Measures for environmental protection: *No special measures required.*

### Measures for cleaning/collecting:

*Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).*

(Contd. on page 2)

EU

Trade name: Electrolyte OCY- 14-F

(Contd. of page 1)

Additional information: *No dangerous substances are released.*

## 7 Handling and storage

**Handling:**

**Information for safe handling:** *No special measures required.*

**Information about fire - and explosion protection:** *No special measures required.*

**Storage:**

**Requirements to be met by storerooms and receptacles:** *No special requirements.*

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

**Further information about storage conditions:** *None.*

## 8 Exposure controls/personal protection

**Additional information about design of technical facilities:** *No further data; see item 7.*

**Ingredients with limit values that require monitoring at the workplace:** *Not required.*

**Additional information:** *The lists valid during the making were used as basis.*

**Personal protective equipment:**

**General protective and hygienic measures:**

*The usual precautionary measures are to be adhered to when handling chemicals.*

**Respiratory protection:** *Not required.*

**Protection of hands:** *Protective gloves and protective skin cream*

**Eye protection:** *Goggles recommended during refilling*

## 9 Physical and chemical properties

**General Information**

<b>Form:</b>	<i>Fluid</i>
<b>Colour:</b>	<i>Colourless</i>
<b>Odour:</b>	<i>Odourless</i>

**Change in condition**

<b>Melting point/Melting range:</b>	<i>0°C</i>
<b>Boiling point/Boiling range:</b>	<i>100°C</i>

**Flash point:** *Not applicable.*

**Danger of explosion:** *Product does not present an explosion hazard.*

**Vapour pressure at 20°C:** *23 hPa*

**Density at 20°C:** *1 g/cm<sup>3</sup>*

**Solubility in / Miscibility with water:** *Not miscible or difficult to mix.*

<b>pH-value at 20°C:</b>	<i>&gt; 6</i>
<b>Organic solvents:</b>	<i>0,0 %</i>
<b>Water:</b>	<i>99,6 %</i>

**Solids content:** *0,4 %*

## 10 Stability and reactivity

**Thermal decomposition / conditions to be avoided:**

*No decomposition if used according to specifications.*

(Contd. on page 3)

Trade name: Electrolyte OCY- 14-F

(Contd. of page 2)

**Dangerous reactions** *No dangerous reactions known.*

**Dangerous decomposition products:** *No dangerous decomposition products known.*

## 11 Toxicological information

**Acute toxicity:**

**Primary irritant effect:**

**on the skin:** *No irritant effect.*

**on the eye:** *No irritating effect.*

**Sensitization:** *No sensitizing effects known.*

**Additional toxicological information:**

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

*The substance is not subject to classification according to the latest version of the EU lists.*

## 12 Ecological information

**General notes:** *Generally not hazardous for water*

## 13 Disposal considerations

**Product:**

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

**Uncleaned packaging:**

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

## 14 Transport information

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

**ADR/RID class:** -

**Maritime transport IMDG:**

**IMDG Class:** -

**Marine pollutant:** *No*

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

**ICAO/IATA Class:** -

## 15 Regulatory information

**Labelling according to EU guidelines:**

*The substance is not subject to classification according to EU lists and other sources of literature known to us.*

*Observe the general safety regulations when handling chemicals.*

**National regulations:**

**Waterhazard class:** *Generally not hazardous for water.*

## 16 Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

(Contd. on page 4)

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Page 4/4

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(Contd. of page 3)

**Department issuing MSDS: MPC**

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